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Farm Business Cash Flow Summary, June 1992 - Experimental

Enclosed is the experimental Farm Business Cash Flow Summary. The data are presented by province from 1981 to date, together with graphs, notes on the concepts and methods, and data highlights.

Information on the Cash Flows, in addition to the enclosed concepts, can be found in the Beelen (1983) thesis entitled "An Alternative System of Financial Accounting for the Canadian Agricultural Production Sector".

As revealed in the methods, the Cash Flows are the third of an integrated set of accounts of which the Agriculture Production Account and the Canadian Farm Balance Sheet have already been officially released. The notes on the methods used for both of these series should be read in conjunction with those written specifically for the Cash Flow account.

If you would like further information or if you have any suggestions on how these estimates might be improved, please contact Marcelle Dion (613-951-3172). Thank you.

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Farm Business Cash Flows (Experimental) Highlights 1991

- o The amount of cash available to farm businesses for investments or withdrawals fell 19% to \$6.3 billion in 1991.
- o Cash Income fell for the third consecutive year, despite an increase in Government Payments in 1991.
- o Loans Outstanding fell modestly.

Cash for Investment and Withdrawal was reduced in all of the provinces (except Newfoundland), due to a 5% decrease in Cash Income and a large drop in Net Change of Loans Outstanding. The largest decrease occurred in Manitoba, where Cash dipped 45%, down to \$443 million from \$802 million in 1990. Saskatchewan and Ontario both experienced drops in Cash of 25%.

Cash Income continued to decline in 1991 with a drop of \$312 million, down 5% from 1990. A 3% decrease in Sales of Primary Production was partially offset by a 23% rise in Government Payments. Both livestock and crop receipts fell 3% accounting for the \$583 million decline in sales. Payments under the Gross Revenue Insurance Plan contributed to the increase in Government Payments which were \$2.4 billion in 1991. This total, however, remained well below the 1988 peak in Government Payments of \$3.3 billion which coincided with a \$1.1 billion payout under the Special Canadian Grains Program.

Net Change in Loans Outstanding dropped \$1.2 billion from the previous year, maintaining the high level of borrowing established in 1990. At that time provisions were made under the Prairie Grain Advance Payments and the Advance Payments for Crops Acts for interest-free loans. The ratio of Loans Outstanding to Cash Income, expressed as a percentage, was 326%, indicating an increase in the use of debt to sustain Cash for Investment or Withdrawal, a level last witnessed in 1985.



FARM BUSINESS CASH FLOW STATEMENTSConcepts

The cash flow accounts which are presented here on an experimental basis are part of an integrated set of accounts for agriculture. They are third in a series which includes the production accounts and the balance sheets. Both of these accounts provide data for the cash flows; therefore, the concepts and methods from those series should also be reviewed in conjunction with the following information.

The cash flow accounts are summaries of cash flows in and out of farm businesses over a calendar year. The basic function of the accounts is to provide information on the financial position of farm establishments (i.e. the amount of cash available to farm establishments to meet current obligations). Specifically, only cash flows pertaining to farm operators are included. Therefore, cash income and expenses of non-operator landlords and the personal portion of households are excluded.

In theory, the establishment concept is used as a basis for the cash flows. An establishment is defined as the smallest operating entity which produces a homogeneous set of goods and services for which records provide data on value of outputs and cost of inputs. However, in practice this theory is not strictly adhered to as seen in the following methods. Future development will be required to better align the cash flow accounts with the establishment concept.

The agriculture sector consists of all establishments where the principal economic activity (greater than 50% of sales) is the production of agricultural products or services. The production of the agricultural sector is all the production activities of all establishments whose principal production activity is agricultural. Note that for the cash flow accounts, the sector includes only the farm business.

The format of the accounts is:

- A) Cash transactions from agricultural production, which account for internal (i.e. production activities of the farm business) sources and uses of funds.
- B) Cash flows from non-production activities consisting of changes in levels of farm loans outstanding and net capital expenditures.
- C) Ratios which indicate how internal and external sources of cash affect current and future farm operations.

Note: It is important to keep in mind that all measures in the accounts are strictly cash exchanges.

A. Cash Transactions

- 1) There are five main components for cash sources:

- Sales of primary production
- Sales of secondary production
- Government payments
- Government rebates
- Other cash income

Sales of primary production consist of principal production activities of farm businesses and include

crop and livestock receipts. Under the establishment concept, secondary production is also recorded and thus recreational services and farm woodlot sales can be added as sources of cash.

Government payments and government rebates are included as cash sources because they are directly associated with farm production. Cash income that is a result of activities not directly related to agricultural production is included as other cash income. Included in this category are: custom work receipts, income from the rental of land and buildings, and interest income, and dividends that apply only to agricultural production. The latter consists of farm cooperative dividends and interest that applies only to the farm business. All personal savings of operators and households are excluded.

- 2) Cash uses include the following:

- Cash expenses on inputs
- Business taxes .
- Interest
- Cash wages to hired labour
- Cash rent to all landlords

The above items consist of payments and services necessary for the production of agricultural goods and services. These expenses are meant to capture all cash that leaves the agriculture sector. For example, cash paid to non-operator landlords and hired labour (non-family) is deducted from cash income because it is no longer available to the farm business.

B. Cash Flows

- 1) Change in loans outstanding is an additional source of cash that is external to the production activities of the farm business. An increase in the total value of loans is a positive source of cash income and a decrease is identified as a negative source of cash income. The purpose of displaying both current and long-term debt is to identify the relationship between short-term borrowing and cash income. For example, it could be argued that short-term borrowing is affected to a large degree by fluctuations in cash income. In contrast, long-term loans are less likely to be influenced by year-to-year changes in cash income because they are a long-term investment.

Cash income (sources minus uses), plus the net change in loans outstanding is the amount of cash available to farm businesses for capital and/or financial investments or withdrawal. It should be stressed that while total net income and gross value added are measures of economic production, cash for investment or withdrawal is strictly a cash measure. Thus for example, changes in values of inventories and income-in-kind are not included in the cash flow accounts.

- 2) Net capital purchases represents the flow of cash from real estate and non-real estate purchases and sales associated with the farm business. Personal investments (e.g. household purchases) are excluded. When a farm business is sold, the income received by the retiring operator is not included as cash income.

Cash flow available for financial investment or withdrawals is the amount that is available for proprietors and shareholders to meet current obligations. This figure indicates how much cash is available to the farm business after all farm transactions and capital investments have taken place.

C. Ratios

A total of four ratios are included in the cash flow accounts as described below:

The ratios of current and long-term liabilities to cash uses from production indicates the amount of debt that is used to finance cash uses. If the ratio is high and positive, the farm business is accumulating more debt while paying for farm inputs.

The net change in loans outstanding to capital purchases reflects the importance of external financing for capital investments.

Loans outstanding to cash income simply indicates the burden of farm debt on farm cash income. This ratio also illustrates whether or not farm businesses are spending more (or less) of their cash income to repay debts.

Methods

A) CASH TRANSACTIONS

1) CASH SOURCES (Sum of a to e)

a) Sales of primary production.

Sales of primary production are calculated in the production accounts and include total crop and livestock receipts. The data are based on estimates of cash receipts for net income purposes and adjusted to exclude share income to non-operators. The method used to allocate share income to operators and non-operators is the same which is used to distribute total rent between operators and non-operators in the production accounts.

b) Sales of secondary production.

Data include sales of forest products and are based on estimates for net income purposes.

c) Government payments.

Government payments are based on estimates for farm cash receipts.

d) Government rebates.

Government rebates are based on estimates of rebates reducing expenses for net income purposes.

e) Other cash income includes custom receipts, farm land rents, and dividends and interest.

Survey-based National Farm Survey (NFS) & taxfiler (TAX) estimates are used to measure custom work receipts.

Farm land rent represents total rental income to operator landlords for the rental of agricultural land and buildings. It is based on expense estimates for cash and share rent purposes and adjusted to

exclude non-operators using survey data related to the quantity of farmland rented to others. The survey data is obtained periodically from the Farm Credit Corporation survey. For the cash flow accounts, share rent is excluded from the total rent figure since the account is designed to measure only cash transactions. The adjustment that separates non-operator landlords from operators in the production accounts is similarly used for cash flows.

Dividends and interest relate to farm income only. Thus, interest earned on personal savings accounts are excluded. Estimates are derived using Bank of Canada Reviews and use deposit rates for non-chequable savings deposits. These rates are multiplied by the value of cash, bonds, and savings which are published in the balance sheets. Non-operator landlords and the personal portion of farm households are excluded (Balance Sheet-Set #4).

2) CASH USES (Sum of a to e)

a) Cash expenses on inputs include: building and fence repairs; electricity, telephone, and heating fuel; machinery fuel and repairs; fertilizer, lime, and pesticides; commercial seed; irrigation; twine, wire, and containers; crop and hail insurance; commercial feed; livestock purchases; artificial insemination and veterinary; business insurance; stabilization premiums and other; and total custom work expenses.

With the exception of the custom work expense, all of these items are based on estimates for farm net income. The custom work expense is based on NFS/TAX estimates.

b) Business Taxes.

Business taxes currently include only property taxes and are based on estimates for net income purposes.

c) Interest.

Interest data are based on estimates for net income purposes.

d) Cash Wages to Hired Labour.

Cash wages to hired labour include only wages and salaries paid to non-family members. It is derived by subtracting family wages from total wages (which are based on estimates for net income purposes). The estimate does not include room and board.

The method used to derive family wages is identical to that which can be found in the production account series.

e) Cash Rent to all Landlords.

Cash rent to all landlords is based on cash rent estimates for net income purposes.

B) CASH FLOWS

1) Cash Income = Sources minus uses.

2) Net Change in Loans Outstanding.

Loans outstanding are based on estimates used in Balance Sheets - Set #4 (excludes non-operators and personal portions of farm households). Debt

outstanding for the current year is subtracted from the previous year's debt outstanding figure.

Cash for Investment or Withdrawal.

Cash for investment or withdrawal is derived by adding the net change in loans outstanding to cash income.

3) Net Capital Purchases.

Net Capital Purchases are:

- a) real estate purchases/sales.
- b) non-real estate purchases/sales.

a) Figures for real estate purchases and sales are obtained from periodic Farm Credit Corporation surveys.

b) Non-real estate purchases include land improvements, housing construction (15% of this value is assumed to relate to the farm business), other construction, and farm machinery (includes cars, trucks, combines, tractors, and irrigation equipment). Note that farm machinery purchases includes both new and used machinery. Capital sales include machinery, and quota. Currently, breeding & replacement livestock are not accounted for in cash flows. In the future, both purchases and sales of livestock could be collected and be included.

Cash for financial investment or withdrawal.

Cash for financial investments or withdrawal is calculated by subtracting net capital purchases from cash for investment or withdrawal.

C) RATIOS

Net Change in Current Liabilities to Cash Uses.

- This ratio is calculated as the net change in loans outstanding (current liabilities) divided by cash uses.

Net Change in Long-Term Liabilities to Cash Uses.

- The net change in loans outstanding (long term liabilities) is divided by cash uses.

Net Change in Loans Outstanding to Capital Purchases.

- The ratio is derived by dividing the net change in loans outstanding by total capital purchases.

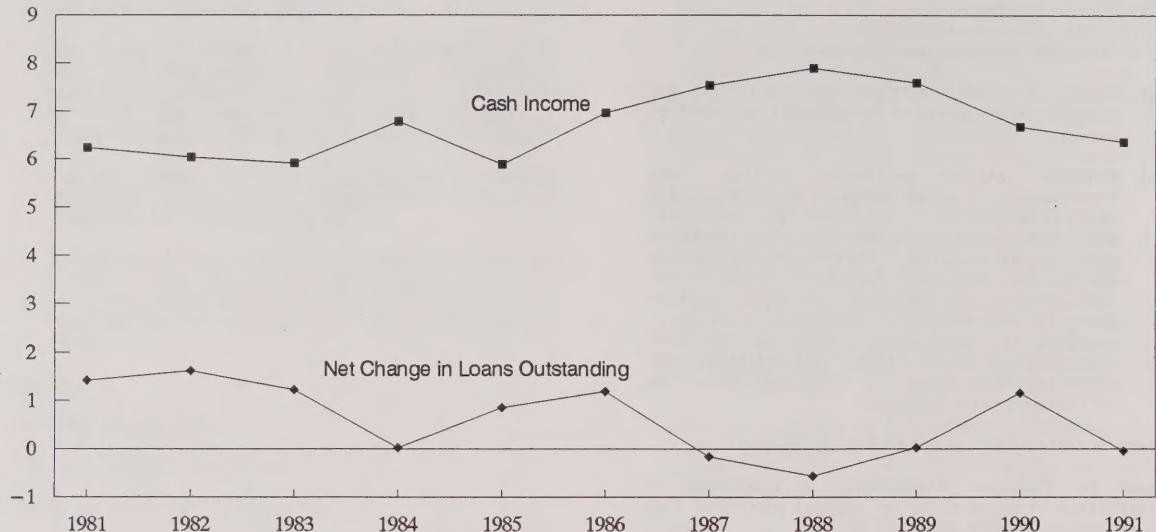
Loans Outstanding to Cash Income.

- The total figure for loans outstanding is divided by cash income.

FARM BUSINESS CASH FLOW (EXPERIMENTAL), CANADA

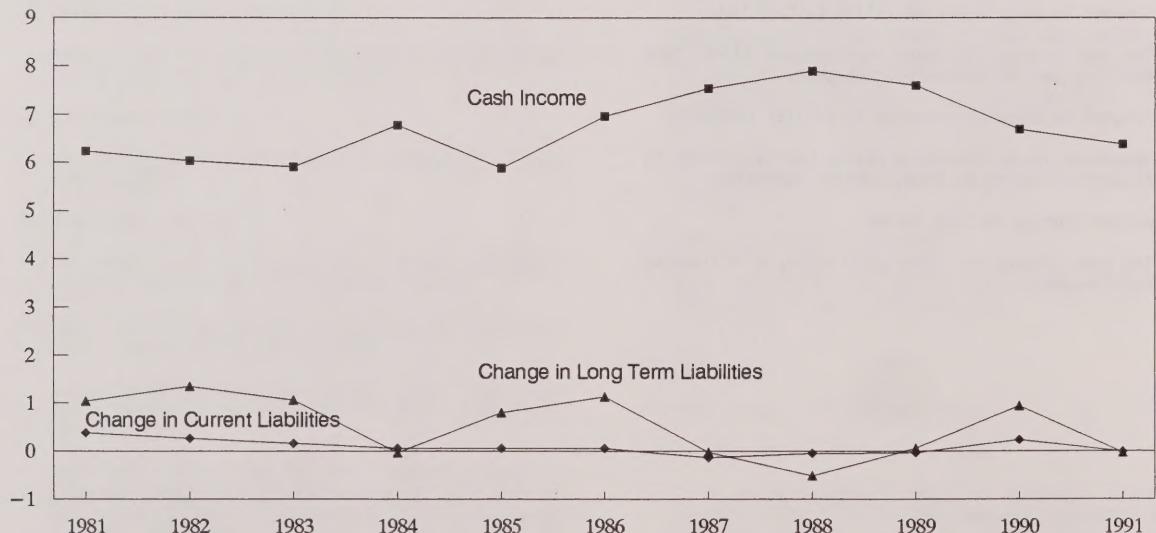
Net Change in Loans Outstanding versus Cash Income
Canada

billions of \$

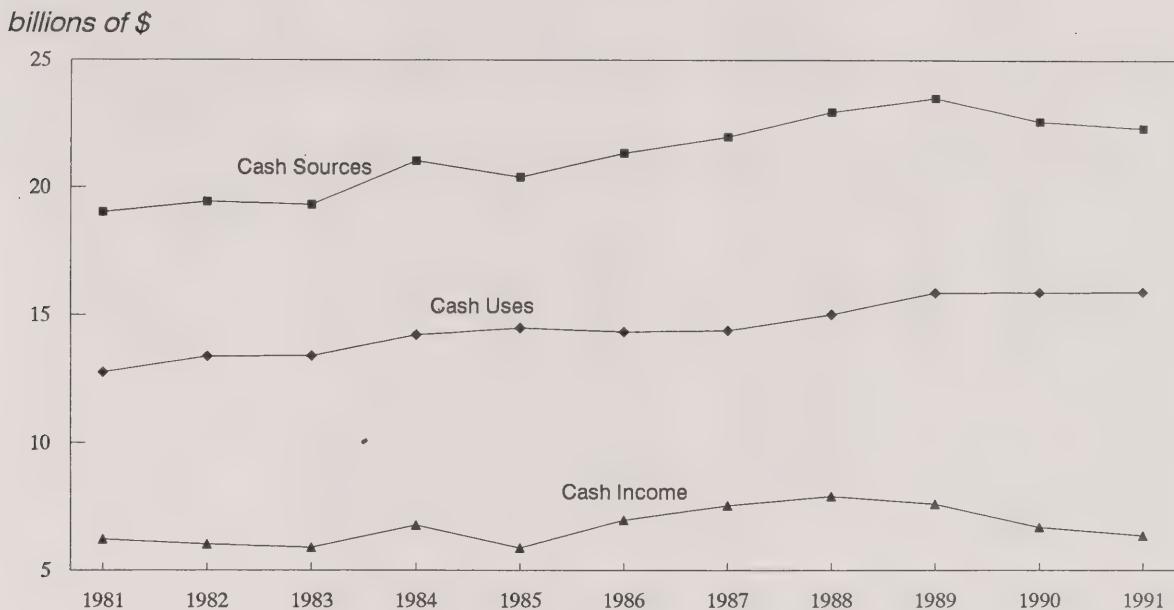


Change in Current and Long Term Liabilities versus Cash Income
Canada

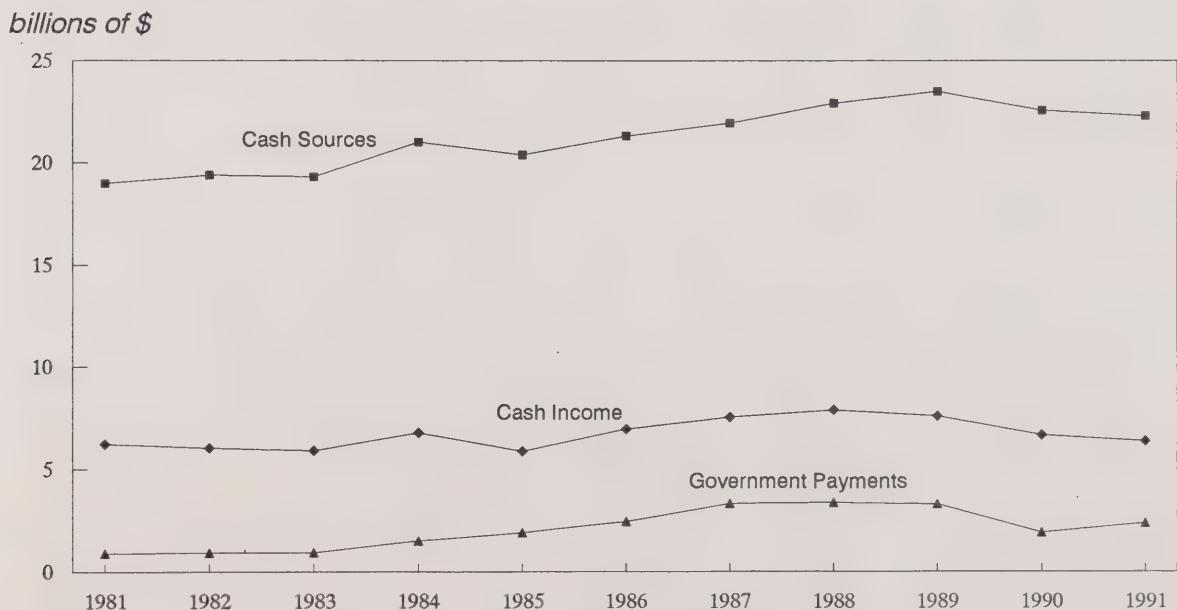
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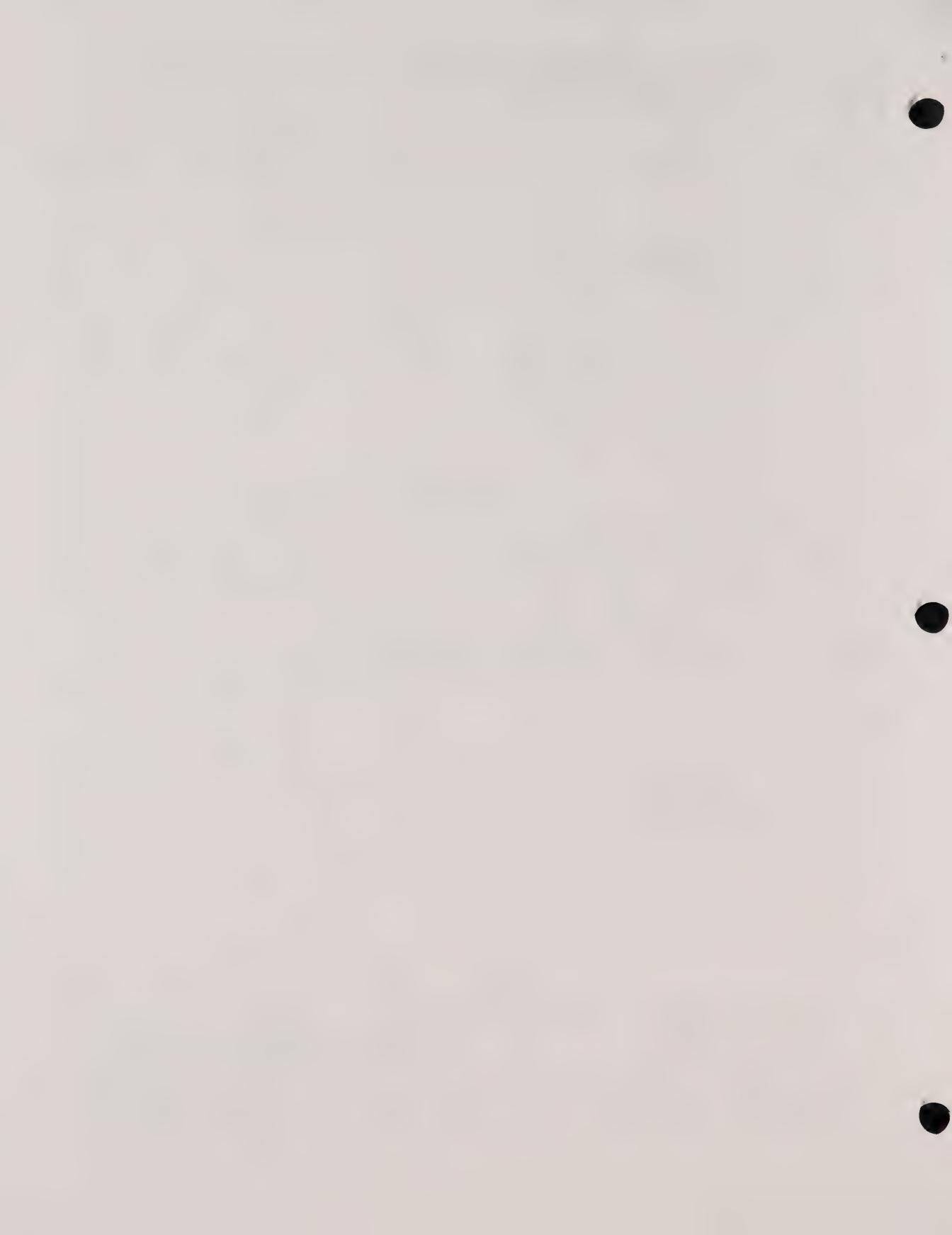


Cash Sources, Cash Uses and Cash Income Canada



Cash Sources and Cash Income versus Government Payments Canada





FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

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CANADA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	19,010,345	19,424,067	19,319,095	21,026,182	20,389,746	21,330,286	21,949,871	22,935,499	23,483,331	22,579,678	22,300,271
Sales of Primary Production	17,322,112	17,643,694	17,591,896	18,619,067	17,486,089	17,663,924	17,468,474	18,376,749	18,949,465	19,353,122	18,783,532
Sales of Secondary Production	65,136	65,633	70,968	71,511	73,726	81,356	82,160	83,318	86,774	86,279	84,245
Government Payments	892,184	919,577	924,298	1,483,224	1,889,740	2,454,320	3,310,073	3,362,051	3,274,615	1,903,072	2,348,424
Government Rebates	226,845	283,867	273,503	306,115	357,217	517,491	508,191	451,628	403,556	420,278	407,189
Other Cash Income	504,068	511,296	458,430	546,265	582,974	613,195	580,973	661,753	768,921	816,927	676,881
Custom Receipts	260,263	295,262	294,318	356,513	417,200	441,518	435,133	472,749	478,195	503,340	489,249
Farm Land Rent	55,169	58,159	64,660	69,355	63,554	63,621	53,970	54,085	61,540	64,898	60,628
Dividends and Interest	188,636	157,875	99,452	120,397	102,220	108,056	91,870	134,919	229,186	248,689	127,004
2) CASH USES	12,773,052	13,392,912	13,410,678	14,252,940	14,509,851	14,365,466	14,406,452	15,037,527	15,890,597	15,901,038	15,933,452
Cash Expenses on Inputs	8,742,709	9,274,840	9,630,988	10,266,089	10,530,375	10,390,481	10,453,264	10,948,825	11,569,198	11,458,814	11,635,350
Business Taxes	353,641	387,945	379,387	401,941	409,611	425,541	448,554	464,517	487,791	505,309	532,714
Interest	2,509,916	2,402,617	1,997,547	2,098,869	2,002,039	2,005,626	1,962,621	2,029,666	2,175,701	2,261,347	2,058,732
Cash Wages to Hired Labour	794,590	929,569	965,636	1,029,220	1,128,247	1,088,620	1,133,214	1,173,644	1,205,127	1,222,044	1,260,473
Cash Rent to all Landlords	372,196	397,941	437,120	456,821	439,579	455,198	408,799	420,875	452,780	453,524	446,183
CASH INCOME (SOURCES – USES)	6,237,293	6,031,155	5,908,417	6,773,241	5,879,895	6,964,820	7,543,419	7,897,972	7,592,734	6,678,640	6,366,819
B. CASH FLOWS											
1) CASH INCOME	6,237,293	6,031,155	5,908,417	6,773,241	5,879,895	6,964,820	7,543,419	7,897,972	7,592,734	6,678,640	6,366,819
2) NET CHG. IN LOANS OUTSTNG	1,420,356	1,619,715	1,224,999	30,717	862,528	1,190,833	(155,672)	(562,634)	29,767	1,158,484	(43,504)
Change in Current Liabilities	383,206	269,476	163,222	61,825	60,690	62,173	(133,370)	(42,569)	(32,619)	225,989	(7,628)
Change in Long Term Liabilities	1,037,150	1,350,239	1,061,777	(31,108)	801,836	1,128,660	(22,293)	(520,065)	62,386	932,495	(35,876)
CASH FOR INVESTMENT OR WITHDRAWAL	7,857,649	7,650,870	7,133,416	6,803,958	6,742,421	8,155,653	7,387,747	7,335,338	7,622,501	7,837,124	6,323,315
3) NET CAPITAL PURCHASES	..	..	4,003,598	..	..	..	3,143,705	..	3,531,926	..	..
Real Estate			581,591				373,517		372,307		
Non-Real Estate			3,422,007				2,770,188		3,159,619		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	3,129,818	..	..	..	4,244,042	..	4,090,575	..	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	3.000	2.012	1.217	0.434	0.418	0.433	-0.926	-0.283	-0.205	1.421	-0.048
Net Change in Long Term Liabilities to Cash Uses	8.120	10.082	7.917	-0.218	5.526	7.857	-0.155	-3.458	0.393	5.864	-0.225
Net Change in Loans Outstanding to Capital Purchases			16.719				-3.411		0.572		
Loans Outstanding to Cash Income	243.058	278.221	304.734	266.278	321.404	288.436	264.249	245.262	255.514	307.832	322.225

.. figures not available

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

NEWFOUNDLAND	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	32,458	33,572	34,909	41,509	43,154	44,708	47,185	54,809	58,556	59,705	61,829
Sales of Primary Production	31,781	33,257	34,659	41,056	42,905	43,517	45,130	52,269	55,368	56,909	58,813
Sales of Secondary Production	93	94	101	101	117	129	129	132	138	137	136
Government Payments	355	52	42	230	24	788	1,664	2,128	2,674	2,271	2,605
Government Rebates	38	17	13	10	13	15	24	32	35	23	18
Other Cash Income	191	152	94	112	95	259	238	248	341	365	257
Custom Receipts	0	0	0	0	0	160	151	122	131	137	137
Farm Land Rent	7	7	8	8	7	7	9	9	9	10	9
Dividends and Interest	184	145	86	104	88	92	78	117	201	218	111
2) CASH USES	25,370	27,038	27,562	30,971	33,518	35,325	36,316	39,987	40,729	43,005	41,362
Cash Expenses on Inputs	20,677	21,709	22,024	24,642	26,981	28,259	28,509	31,322	31,842	33,110	30,940
Business Taxes	28	30	32	36	46	63	73	76	80	84	89
Interest	1,524	1,616	1,777	1,971	1,737	2,095	2,173	2,448	2,809	3,030	3,175
Cash Wages to Hired Labour	2,947	3,484	3,523	4,119	4,590	4,758	5,391	5,981	5,835	6,618	6,997
Cash Rent to all Landlords	194	199	206	203	164	150	170	160	163	163	161
CASH INCOME (SOURCES - USES)	7,088	6,534	7,347	10,537	9,636	9,383	10,869	14,822	17,827	16,700	20,467
B. CASH FLOWS											
1) CASH INCOME	7,088	6,534	7,347	10,537	9,636	9,383	10,869	14,822	17,827	16,700	20,467
2) NET CHG. IN LOANS OUTSTNG	2,668	1,315	3,373	2,075	459	563	1,833	4,389	3,197	710	3,659
Change in Current Liabilities	575	348	772	676	352	403	791	557	46	149	762
Change in Long Term Liabilities	2,093	967	2,601	1,399	107	160	1,042	3,832	3,151	561	2,897
CASH FOR INVESTMENT OR WITHDRAWAL	9,758	7,849	10,720	12,612	10,095	9,946	12,702	19,211	21,024	17,410	24,126
3) NET CAPITAL PURCHASES	..	..	4,794	..	..	..	7,330	..	6,497	..	..
Real Estate			45				68		77		
Non-Real Estate			4,750				7,263		6,420		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	5,926	..	..	..	5,372	..	14,527	..	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	2.267	1.287	2.801	2.183	1.050	1.141	2.178	1.393	0.113	0.347	1.842
Net Change in Long Term Liabilities to Cash Uses	8.250	3.576	9.437	4.517	0.319	0.453	2.869	9.583	7.737	1.305	7.004
Net Change in Loans Outstanding to Capital Purchases			68,333				24,258		47,293		
Loans Outstanding to Cash Income	193,224	229,746	250,221	194,155	217,080	228,936	214,498	186,908	173,337	189,284	172,323

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

PRINCE EDWARD ISLAND	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	192,420	185,310	176,083	194,688	174,393	189,035	216,718	209,933	259,555	251,838	243,382
Sales of Primary Production	176,590	153,690	162,073	180,192	157,671	169,406	198,535	180,955	236,674	230,442	214,797
Sales of Secondary Production	363	367	395	401	438	485	491	498	522	514	501
Government Payments	12,432	7,623	9,483	10,077	12,528	15,025	12,837	22,345	16,178	14,408	22,680
Government Rebates	799	875	740	791	729	912	1,289	1,974	1,153	1,108	753
Other Cash Income	2,236	2,755	3,392	3,227	3,027	3,207	3,566	4,161	5,028	5,366	4,651
Custom Receipts	1,157	1,829	2,759	2,478	2,343	2,483	2,906	3,161	3,411	3,575	3,575
Farm Land Rent	116	131	138	145	168	175	191	261	304	366	348
Dividends and Interest	963	795	495	604	516	549	469	739	1,313	1,425	728
2) CASH USES	112,979	123,166	130,122	135,879	140,018	141,139	144,131	154,458	162,862	163,421	164,466
Cash Expenses on Inputs	81,219	88,782	93,959	97,859	101,802	102,402	105,284	111,960	118,414	115,564	116,993
Business Taxes	1,118	1,236	1,187	1,209	1,311	1,314	1,398	1,456	1,574	1,571	1,659
Interest	14,834	15,309	14,081	14,487	14,523	14,685	13,957	15,452	17,225	17,932	16,971
Cash Wages to Hired Labour	12,715	14,368	17,235	18,468	18,351	18,939	19,696	20,795	20,291	22,168	22,719
Cash Rent to all Landlords	3,093	3,471	3,660	3,856	4,031	3,799	3,796	4,795	5,358	6,186	6,124
CASH INCOME (SOURCES - USES)	79,441	42,144	45,961	58,809	34,375	47,896	72,587	55,475	96,693	88,417	78,916
B. CASH FLOWS											
1) CASH INCOME	79,441	42,144	45,961	58,809	34,375	47,896	72,587	55,475	96,693	88,417	78,916
2) NET CHG. IN LOANS OUTSTNG	13,375	16,910	15,757	2,224	10,095	3,821	(5,239)	4,840	(4,569)	12,753	6,407
Change in Current Liabilities	3,593	4,240	4,067	2,606	4,068	2,806	579	(1,398)	(4,461)	2,942	1,517
Change in Long Term Liabilities	9,782	12,670	11,690	(382)	6,027	1,015	(5,818)	6,238	(108)	9,811	4,890
CASH FOR INVESTMENT OR WITHDRAWAL	92,816	59,054	61,718	61,033	44,470	51,717	67,348	60,315	92,124	101,170	85,323
3) NET CAPITAL PURCHASES	..	..	33,444	..	..	..	55,001	..	48,869	..	..
Real Estate			3,822				6,737		5,520		
Non-Real Estate			29,622				48,264		43,349		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	28,274	..	..	..	12,347	..	43,255	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	3.180	3.443	3.126	1.918	2.905	1.988	0.402	-0.905	-2.739	1.800	0.922
Net Change in Long Term Liabilities to Cash Uses	8.658	10.287	8.984	-0.281	4.304	0.719	-4.037	4.039	-0.066	6.004	2.973
Net Change in Loans Outstanding to Capital Purchases			39.492				-8.173		-7.384		
Loans Outstanding to Cash Income	123,260	272,468	284,123	225,834	415,725	306,340	194,920	263,770	146,606	174,752	203,911

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

NOVA SCOTIA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	232,621	238,001	242,260	264,657	264,362	279,534	305,427	321,895	325,276	332,752	316,335
Sales of Primary Production	213,684	221,779	224,830	241,907	242,006	258,586	283,163	293,639	290,348	302,751	292,856
Sales of Secondary Production	4,736	4,773	5,162	5,201	5,526	6,099	6,159	6,247	6,505	6,469	6,315
Government Payments	8,510	5,621	5,977	10,478	9,001	6,319	7,318	11,715	17,616	12,957	8,582
Government Rebates	2,627	2,856	2,812	2,816	2,853	2,816	2,908	3,098	2,944	2,115	1,004
Other Cash Income	3,064	2,972	3,479	4,255	4,976	5,714	5,879	7,196	7,863	8,460	7,578
Custom Receipts	1,694	1,837	2,749	3,374	4,200	4,888	5,151	6,130	6,096	6,543	6,543
Farm Land Rent	63	65	69	72	83	87	95	111	116	126	120
Dividends and Interest	1,307	1,070	661	809	693	739	633	955	1,851	1,791	915
2) CASH USES	165,940	181,456	188,853	199,497	194,778	191,850	196,407	209,689	217,740	211,319	207,380
Cash Expenses on Inputs	124,967	136,583	141,697	147,080	142,694	139,407	142,493	150,995	157,151	148,796	144,895
Business Taxes	1,651	1,632	1,614	1,558	1,574	1,613	1,837	1,935	1,906	1,925	2,033
Interest	15,742	16,801	15,275	16,391	15,391	15,622	15,958	18,250	21,174	23,037	21,914
Cash Wages to Hired Labour	21,893	24,704	28,435	32,551	33,136	33,308	34,219	36,477	35,463	35,431	36,429
Cash Rent to all Landlords	1,687	1,736	1,832	1,917	1,983	1,900	1,900	2,032	2,046	2,130	2,109
CASH INCOME (SOURCES – USES)	66,680	56,545	53,407	65,160	69,585	87,684	109,020	112,206	107,536	121,434	108,954
B. CASH FLOWS											
1) CASH INCOME	66,680	56,545	53,407	65,160	69,585	87,684	109,020	112,206	107,536	121,434	108,954
2) NET CHG. IN LOANS OUTSTNG	28,305	11,273	5,993	10,142	1,273	(792)	5,890	35,724	7,265	19,563	9,238
Change in Current Liabilities	7,325	4,066	2,970	5,062	2,901	2,299	4,316	(814)	(3,146)	4,477	2,119
Change in Long Term Liabilities	20,980	7,207	3,023	5,080	(1,628)	(3,091)	1,574	36,538	10,411	15,086	7,119
CASH FOR INVESTMENT OR WITHDRAWAL	94,985	67,818	59,400	75,302	70,858	86,892	114,910	147,930	114,801	140,997	118,192
3) NET CAPITAL PURCHASES	..	..	35,322	..	..	..	55,440	..	49,904	..	..
Real Estate			2,250				4,229		2,949		
Non-Real Estate			33,073				51,211		46,955		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	24,077	..	..	..	59,470	..	64,897	..	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	4.414	2.241	1.573	2.537	1.489	1.198	2.198	-0.388	-1.445	2.119	1.022
Net Change in Long Term Liabilities to Cash Uses	0.126	0.040	0.016	0.025	-0.008	-0.016	0.008	0.174	0.048	0.071	0.034
Net Change in Loans Outstanding to Capital Purchases			13.507				8.514		10.642		
Loans Outstanding to Cash Income	200.377	256.229	282.508	247.115	233.231	184.185	153.542	181.020	195.637	189.357	219.524

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

NEW BRUNSWICK	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	A. CASH TRANSACTIONS										
1) CASH SOURCES	198,863	192,708	202,668	219,919	219,891	228,048	247,501	258,632	278,744	283,530	260,101
Sales of Primary Production	181,494	180,910	186,791	203,103	198,921	211,083	226,043	233,327	254,073	262,811	235,885
Sales of Secondary Production	4,341	4,374	4,730	4,766	6,142	6,776	6,844	6,938	7,228	7,186	7,017
Government Payments	9,012	4,971	8,207	8,869	11,344	6,287	9,833	12,993	11,230	6,584	11,018
Government Rebates	2,491	184	144	163	293	420	335	578	688	656	519
Other Cash Income	1,525	2,269	2,798	3,218	3,191	3,482	4,446	4,796	5,525	6,293	5,662
Custom Receipts	577	1,455	2,257	2,568	2,616	2,864	3,897	4,016	4,249	4,910	4,910
Farm Land Rent	49	55	57	59	67	76	84	90	97	103	98
Dividends and Interest	899	759	482	591	508	542	465	690	1,179	1,280	654
2) CASH USES	146,211	155,981	153,095	160,918	167,620	164,577	171,515	177,647	186,638	183,855	182,809
Cash Expenses on Inputs	104,931	111,878	113,156	117,773	120,651	115,580	120,408	125,408	131,067	127,652	126,753
Business Taxes	1,798	1,836	1,861	1,960	2,030	2,336	2,598	2,697	2,381	2,253	2,379
Interest	20,585	20,244	15,038	16,544	17,634	18,462	18,770	18,935	19,694	19,790	19,450
Cash Wages to Hired Labour	17,598	20,558	21,521	23,074	25,694	26,543	28,073	28,956	31,785	32,410	32,494
Cash Rent to all Landlords	1,299	1,465	1,519	1,567	1,611	1,656	1,666	1,651	1,711	1,750	1,733
CASH INCOME (SOURCES - USES)	52,652	36,727	49,573	59,001	52,271	63,471	75,986	80,985	92,106	99,675	77,291
B. CASH FLOWS											
1) CASH INCOME	52,652	36,727	49,573	59,001	52,271	63,471	75,986	80,985	92,106	99,675	77,291
2) NET CHG. IN LOANS OUTSTNG	28,332	4,306	(7,876)	21,918	21,580	9,856	1,778	(281)	(18,170)	4,958	7,379
Change in Current Liabilities	6,756	2,171	(408)	7,199	7,495	4,345	3,838	(4,221)	(8,745)	1,124	1,643
Change in Long Term Liabilities	21,576	2,135	(7,468)	14,719	14,085	5,511	(2,060)	3,940	(9,425)	3,834	5,736
CASH FOR INVESTMENT OR WITHDRAWAL	80,984	41,033	41,697	80,919	73,851	73,327	77,764	80,704	73,936	104,633	84,670
3) NET CAPITAL PURCHASES	..	..	31,440	..	..	..	45,675	..	42,465	..	..
Real Estate			6,217				7,561		7,465		
Non-Real Estate			25,223				38,114		35,000		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	10,257	..	..	..	32,089	..	31,471	..	..
C. RATIOS	%										
Net Change in Current Liabilities to Cash Uses	4.621	1.392	-0.267	4.474	4.471	2.640	2.238	-2.376	-4.686	0.611	0.900
Net Change in Long Term Liabilities to Cash Uses	14.757	1.369	-4.878	9.147	8.403	3.349	-1.201	2.218	-5.050	2.085	3.100
Net Change in Loans Outstanding to Capital Purchases			-21.710				3.442		-35.811		
Loans Outstanding to Cash Income	297,243	437,853	308,507	296,355	375,799	325,011	273,823	256,575	205,867	195,208	38,300

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

QUEBEC	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	2,813,792	3,020,840	2,845,140	3,199,140	3,238,394	3,395,693	3,395,085	3,672,059	3,908,689	3,975,375	3,926,643
Sales of Primary Production	2,441,628	2,620,931	2,450,841	2,717,618	2,731,979	2,870,991	2,919,610	3,029,799	3,147,390	3,238,930	3,117,853
Sales of Secondary Production	24,030	24,213	26,181	26,380	31,303	34,542	34,883	35,375	36,838	36,631	35,769
Government Payments	214,934	194,257	231,408	310,925	331,873	345,244	300,003	442,195	518,758	467,387	567,905
Government Rebates	88,621	136,085	95,543	93,056	89,535	91,621	85,103	93,552	119,306	138,174	127,435
Other Cash Income	44,579	45,354	41,167	51,181	53,704	53,295	55,486	71,138	86,397	94,253	77,681
Custom Receipts	27,453	28,861	29,178	37,405	41,791	40,600	44,017	53,840	56,797	62,128	59,643
Farm Land Rent	1,333	1,857	1,973	1,756	1,816	2,107	2,530	2,797	3,397	3,692	3,518
Dividends and Interest	15,793	14,636	10,016	12,000	10,097	10,588	8,939	14,501	26,203	28,433	14,520
2) CASH USES	1,984,838	2,129,592	2,081,466	2,162,533	2,162,097	2,175,160	2,241,671	2,434,022	2,572,457	2,578,056	2,562,845
Cash Expenses on Inputs	1,476,809	1,547,492	1,570,774	1,636,826	1,632,943	1,645,742	1,716,713	1,856,044	1,922,173	1,884,154	1,896,082
Business Taxes	31,381	31,668	31,840	30,914	30,817	33,739	36,171	38,420	41,225	42,205	44,568
Interest	348,626	385,610	299,287	312,919	305,124	310,382	296,900	332,410	396,245	428,729	396,330
Cash Wages to Hired Labour	111,763	142,177	155,698	160,456	172,667	163,052	166,865	181,109	182,413	191,168	194,383
Cash Rent to all Landlords	16,259	22,645	24,067	21,418	20,546	22,245	25,022	26,039	30,401	31,800	31,482
CASH INCOME (SOURCES – USES)	828,955	891,249	763,674	1,036,607	1,076,296	1,220,533	1,153,414	1,238,037	1,336,232	1,397,318	1,363,799
B. CASH FLOWS											
1) CASH INCOME	828,955	891,249	763,674	1,036,607	1,076,296	1,220,533	1,153,414	1,238,037	1,336,232	1,397,318	1,363,799
2) NET CHG. IN LOANS OUTSTNG	336,658	213,549	76,769	72,860	43,354	57,426	52,675	97,511	148,536	107,385	86,005
Change in Current Liabilities	69,212	53,531	36,891	2,392	(13,917)	(9,362)	(13,011)	42,186	44,981	15,625	12,762
Change in Long Term Liabilities	267,446	160,018	39,878	70,468	57,271	66,788	65,686	55,325	103,555	91,760	73,243
CASH FOR INVESTMENT OR WITHDRAWAL	1,165,613	1,104,798	840,443	1,109,467	1,119,650	1,277,959	1,206,089	1,335,548	1,484,768	1,504,703	1,449,804
3) NET CAPITAL PURCHASES	..	..	403,507	..	..	..	601,025	..	539,331	..	..
Real Estate			51,919				86,723		46,280		
Non-Real Estate			351,588				514,302		493,071		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	436,936	..	..	..	605,064	..	945,437	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	3.487	2.514	1.772	0.111	-0.644	-0.430	-0.580	1.733	1.749	0.606	0.498
Net Change in Long Term Liabilities to Cash Uses	13.475	7.514	1.916	3.259	2.649	3.071	2.930	2.273	4.026	3.559	2.858
Net Change in Loans Outstanding to Capital Purchases			14.572				6.924		20.844		
Loans Outstanding to Cash Income	251.173	257.578	310.660	235.893	231.223	208.603	225.309	217.785	212.896	211.274	222.773

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

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ONTARIO	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	4,989,621	5,036,410	5,162,345	5,482,885	5,268,509	5,700,681	5,836,789	6,036,973	6,041,082	5,938,825	5,789,707
Sales of Primary Production	4,584,763	4,669,868	4,760,875	5,006,291	4,837,971	5,217,067	5,099,120	5,208,374	5,206,126	5,292,819	5,067,665
Sales of Secondary Production	11,985	12,076	13,080	13,158	12,120	13,374	13,506	13,696	14,263	14,182	13,848
Government Payments	208,950	145,285	188,333	204,477	110,654	139,879	323,599	409,191	422,694	190,863	299,608
Government Rebates	57,596	77,392	71,642	88,864	128,625	157,938	216,703	204,827	157,441	179,358	191,798
Other Cash Income	126,327	131,789	128,435	170,095	179,139	172,423	183,861	200,895	240,558	261,603	216,788
Custom Receipts	73,827	83,231	90,793	127,720	140,760	131,511	145,637	147,412	154,787	168,054	161,332
Farm Land Rent	11,478	12,593	14,070	13,230	13,187	13,869	14,923	15,152	15,982	17,822	16,783
Dividends and Interest	41,022	35,965	23,572	29,145	25,192	27,043	23,301	38,321	69,789	75,727	38,673
2) CASH USES	3,599,491	3,742,362	3,633,752	3,842,594	3,917,221	3,871,912	3,954,560	4,161,288	4,295,518	4,248,074	4,219,677
Cash Expenses on Inputs	2,396,395	2,560,396	2,566,692	2,749,085	2,808,174	2,768,608	2,834,515	3,010,789	3,078,488	3,000,927	3,012,097
Business Taxes	104,247	114,487	109,280	115,472	124,647	133,613	139,355	146,358	159,324	163,105	172,239
Interest	689,596	615,529	484,688	498,249	464,314	453,893	440,181	450,665	487,238	508,156	445,050
Cash Wages to Hired Labour	308,213	341,092	349,240	363,331	406,309	398,559	416,772	430,188	447,099	445,032	460,746
Cash Rent to all Landlords	101,040	110,858	123,852	116,457	113,777	117,239	123,737	123,288	123,369	130,854	129,545
CASH INCOME (SOURCES - USES)	1,390,131	1,294,047	1,528,593	1,640,291	1,351,288	1,828,769	1,882,229	1,875,685	1,745,564	1,690,752	1,570,031
B. CASH FLOWS											
1) CASH INCOME	1,390,131	1,294,047	1,528,593	1,640,291	1,351,288	1,828,769	1,882,229	1,875,685	1,745,564	1,690,752	1,570,031
2) NET CHG. IN LOANS OUTSTNG	294,123	242,255	54,952	67,238	80,115	(157,965)	(155,586)	(51,846)	(3,523)	169,193	(171,438)
Change in Current Liabilities	63,892	12,774	(42,131)	9,568	(13,207)	(71,773)	(64,219)	(986)	(9,157)	40,104	(35,812)
Change in Long Term Liabilities	230,231	229,481	97,083	57,670	93,322	(86,192)	(91,367)	(50,860)	5,634	129,089	(135,626)
CASH FOR INVESTMENT OR WITHDRAWAL	1,684,254	1,536,302	1,583,545	1,707,529	1,431,403	1,670,804	1,726,643	1,823,839	1,742,041	1,859,945	1,398,593
3) NET CAPITAL PURCHASES	..	..	788,101	..	..	..	730,731	..	663,196	..	..
Real Estate			5,718				(9,766)		(94,148)		
Non - Real Estate			782,382				740,497		757,344		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	795,444	..	..	..	995,912	..	1,078,845	..	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	1.775	0.341	-1.159	0.249	-0.337	-1.854	-1.624	-0.024	-0.213	0.944	-0.849
Net Change in Long Term Liabilities to Cash Uses	6.396	6.132	2.672	1.501	2.382	-2.226	-2.310	-1.222	0.131	3.039	-3.214
Net Change in Loans Outstanding to Capital Purchases			4.290				-13.234		-0.283		
Loans Outstanding to Cash Income	290,448	330,734	283,582	268,370	331,695	236,454	221,472	219,481	235,640	253,286	261,842

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

MANITOBA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	1,678,046	1,754,045	1,822,331	2,018,945	2,031,104	2,129,963	2,132,991	2,093,877	2,142,468	2,012,707	2,014,128
Sales of Primary Production	1,542,001	1,643,621	1,689,392	1,817,652	1,795,061	1,813,755	1,593,639	1,604,340	1,626,039	1,775,517	1,731,643
Sales of Secondary Production	1,082	1,090	1,179	1,188	1,334	1,471	1,487	1,507	1,569	1,562	1,522
Government Payments	80,490	47,609	78,130	134,201	172,246	237,746	477,557	431,831	449,853	169,284	228,589
Government Rebates	11,944	13,635	13,502	17,744	18,938	23,592	25,839	14,038	5,797	10,429	9,040
Other Cash Income	42,529	48,090	40,128	48,160	43,525	53,399	34,369	42,161	59,210	55,915	43,334
Custom Receipts	19,045	26,613	23,185	28,557	24,941	33,406	18,482	21,372	28,163	22,015	21,134
Farm Land Rent	7,238	7,448	7,863	9,049	9,944	11,156	8,596	9,378	10,859	11,994	11,013
Dividends and Interest	16,246	14,029	9,080	10,554	8,640	8,837	7,291	11,411	20,188	21,906	11,187
2) CASH USES	1,216,452	1,248,382	1,305,206	1,412,403	1,455,076	1,397,810	1,373,722	1,404,766	1,481,857	1,503,859	1,488,135
Cash Expenses on Inputs	861,603	897,468	973,163	1,055,409	1,094,332	1,044,983	1,034,706	1,054,230	1,118,281	1,118,612	1,133,542
Business Taxes	42,181	45,675	47,120	48,484	47,111	47,373	49,604	51,280	49,963	54,100	57,130
Interest	210,582	189,380	169,374	177,900	169,052	168,260	165,374	169,764	177,930	195,019	159,656
Cash Wages to Hired Labour	47,951	60,151	56,736	62,932	75,239	64,328	71,203	75,094	76,938	75,335	78,230
Cash Rent to all Landlords	54,135	55,708	58,813	67,578	69,342	72,866	52,835	54,398	58,745	60,793	59,577
CASH INCOME (SOURCES – USES)	461,595	505,663	517,125	606,542	576,028	732,152	759,269	689,111	660,611	508,848	525,993
B. CASH FLOWS											
1) CASH INCOME	461,595	505,663	517,125	606,542	576,028	732,152	759,269	689,111	660,611	508,848	525,993
2) NET CHG. IN LOANS OUTSTNG	84,395	131,049	128,193	(8,348)	97,362	35,607	(51,234)	(67,587)	(39,076)	293,609	(83,253)
Change in Current Liabilities	41,340	40,674	40,140	7,664	14,766	2,014	(23,732)	(19,138)	(28,219)	63,577	(17,105)
Change in Long Term Liabilities	43,055	90,375	88,053	(16,012)	82,596	33,593	(27,502)	(48,449)	(10,857)	230,032	(66,148)
CASH FOR INVESTMENT OR WITHDRAWAL	545,990	636,712	645,318	598,194	673,390	767,759	708,035	621,524	621,535	802,457	442,740
3) NET CAPITAL PURCHASES	..	..	311,794	..	..	..	294,545	..	369,044	..	..
Real Estate			29,887				22,413		75,955		
Non-Real Estate			281,907				272,132		293,089		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	333,525	..	..	..	413,490	..	252,491	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	3.398	3.258	3.075	0.543	1.015	0.144	-1.728	-1.362	-1.904	4.228	-1.149
Net Change in Long Term Liabilities to Cash Uses	3.539	7.239	6.746	-1.134	5.676	2.403	-2.002	-3.449	-0.733	15.296	-4.445
Net Change in Loans Outstanding to Capital Purchases			31.869				-14.074		-7.984		
Loans Outstanding to Cash Income	290.400	291.008	309.347	262.367	293.168	235.516	220.357	232.983	237.119	365.540	337.798

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

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SASKATCHEWAN	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	4,030,446	4,078,517	4,018,716	4,461,954	4,083,804	4,191,085	4,411,412	4,486,377	4,513,290	4,020,785	4,018,264
Sales of Primary Production	3,667,749	3,788,551	3,712,112	3,924,960	3,255,437	3,082,842	2,934,996	3,133,359	3,147,644	3,205,536	3,194,363
Sales of Secondary Production	996	1,002	1,084	1,093	1,194	1,318	1,330	1,350	1,407	1,398	1,365
Government Payments	203,022	160,317	194,351	393,829	686,190	957,284	1,319,248	1,198,649	1,199,666	657,564	705,736
Government Rebates	32,363	15,581	18,837	35,124	26,629	33,296	53,620	43,485	30,330	13,111	7,274
Other Cash Income	126,316	113,066	92,232	106,948	114,454	116,345	102,218	109,554	134,243	143,176	109,526
Custom Receipts	54,415	50,559	46,294	54,939	69,243	70,528	65,064	65,708	67,269	71,136	68,291
Farm Land Rent	16,786	17,371	18,061	18,191	16,447	15,364	11,227	9,648	13,318	13,818	11,501
Dividends and Interest	55,115	45,136	27,877	33,818	28,764	30,453	25,927	34,198	53,656	58,222	29,734
2) CASH USES	2,192,690	2,316,178	2,462,897	2,585,107	2,680,008	2,684,880	2,680,557	2,675,549	2,883,605	2,841,187	2,863,075
Cash Expenses on Inputs	1,476,120	1,588,673	1,750,061	1,812,812	1,922,936	1,900,013	1,901,689	1,889,833	2,077,849	2,051,247	2,139,803
Business Taxes	102,353	112,210	111,833	126,145	125,261	125,691	137,526	138,036	141,447	144,487	152,578
Interest	448,706	440,300	423,121	455,171	441,981	466,128	465,427	474,171	471,972	465,322	388,432
Cash Wages to Hired Labour	68,145	74,233	73,121	85,461	84,804	83,932	86,099	85,059	92,011	91,725	95,624
Cash Rent to all Landlords	97,366	100,762	104,761	105,518	105,028	109,116	89,816	88,350	100,326	88,406	86,638
CASH INCOME (SOURCES - USES)	1,837,756	1,762,339	1,555,819	1,876,847	1,403,895	1,506,205	1,730,855	1,810,828	1,629,685	1,179,598	1,155,189
B. CASH FLOWS											
1) CASH INCOME	1,837,756	1,762,339	1,555,819	1,876,847	1,403,895	1,506,205	1,730,855	1,810,828	1,629,685	1,179,598	1,155,189
2) NET CHG. IN LOANS OUTSTNG	280,763	457,283	569,251	(30,093)	392,278	1,025,512	(33,527)	(565,907)	(317,199)	205,397	(115,357)
Change in Current Liabilities	75,842	80,148	95,200	43,182	69,161	155,062	7,731	(80,533)	(74,597)	33,972	(13,604)
Change in Long Term Liabilities	204,921	377,135	474,051	(73,275)	323,117	870,450	(41,258)	(485,374)	(242,602)	171,425	(101,753)
CASH FOR INVESTMENT OR WITHDRAWAL	2,118,519	2,219,622	2,125,070	1,846,754	1,796,173	2,531,717	1,697,328	1,244,921	1,312,486	1,384,995	1,039,832
3) NET CAPITAL PURCHASES	..	..	1,211,983	..	..	..	443,520	..	658,320	..	..
Real Estate			322,215				140,556		117,123		
Non-Real Estate			889,768				302,964		541,197		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	913,087	..	..	..	1,253,808	..	654,166	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	3.459	3.460	3.865	1.670	2.581	5.775	0.288	-3.010	-2.587	1.196	-0.475
Net Change in Long Term Liabilities to Cash Uses	9.346	16.283	19.248	-2.835	12.057	32.420	-1.539	-18.141	-8.413	6.034	-3.554
Net Change in Loans Outstanding to Capital Purchases			33.895				-5.033		-33.784		
Loans Outstanding to Cash Income	158,845	191,590	253,610	208,628	306,853	354,096	306,200	261,426	271,020	391,843	390,137

.. figures not available

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

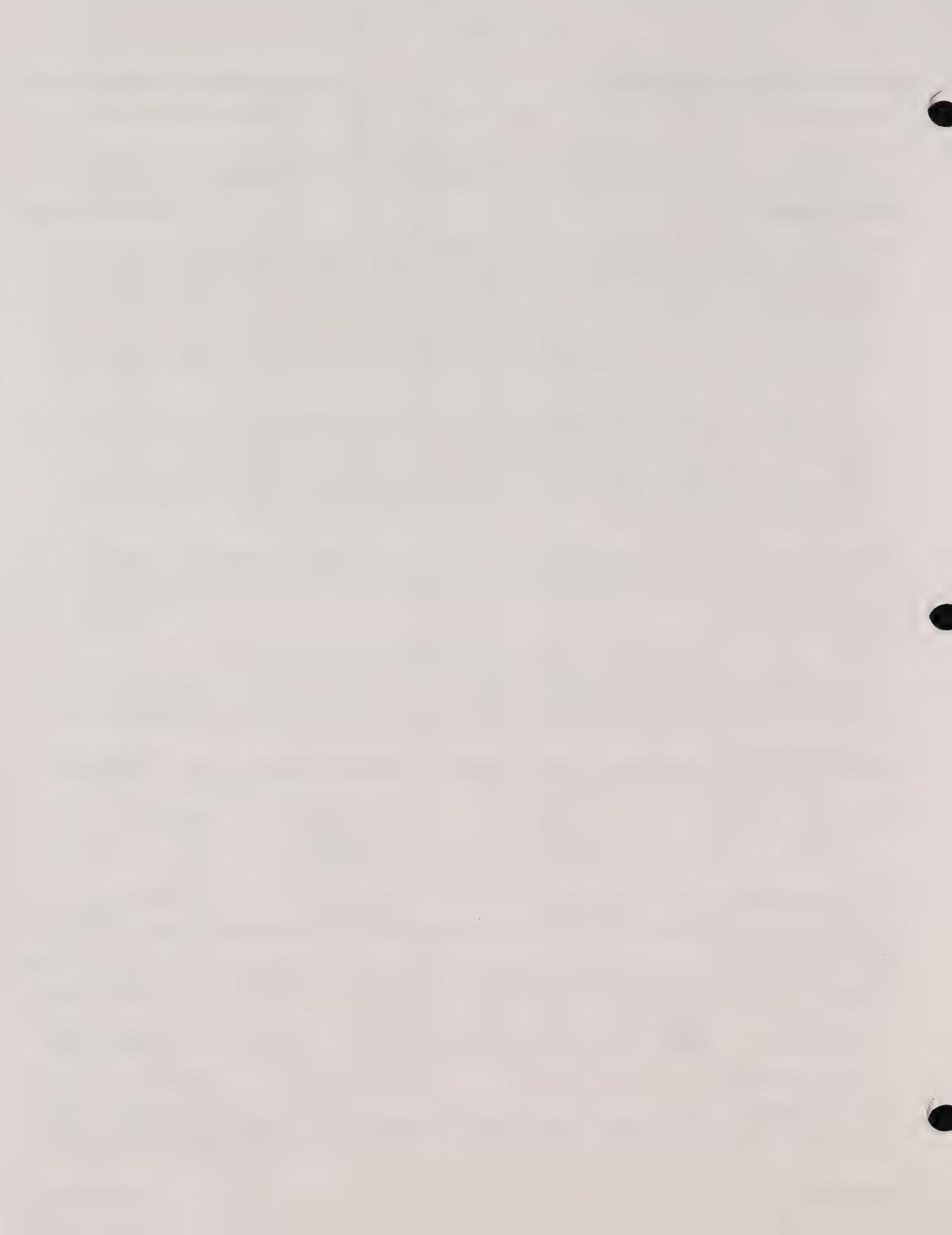
Prepared: 06/12/92

ALBERTA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	3,940,776	3,920,699	3,879,772	4,117,604	4,004,978	4,071,171	4,231,904	4,625,049	4,749,091	4,458,218	4,409,715
Sales of Primary Production	3,678,442	3,480,378	3,542,379	3,588,403	3,289,461	3,030,381	3,148,996	3,597,768	3,908,300	3,858,616	3,720,303
Sales of Secondary Production	2,547	2,567	2,774	2,797	2,091	2,308	2,331	2,363	2,461	2,448	2,391
Government Payments	99,163	261,238	140,896	331,643	475,657	661,085	805,522	748,287	560,032	318,119	439,040
Government Rebates	17,454	28,646	62,872	56,123	83,639	198,853	115,578	87,045	83,650	74,488	68,948
Other Cash Income	143,170	147,870	130,851	138,638	154,130	178,544	159,477	189,586	194,648	204,547	179,033
Custom Receipts	77,846	92,365	86,835	85,051	109,451	133,370	122,411	144,043	129,671	135,895	135,895
Farm Land Rent	17,540	18,013	21,802	26,244	21,134	19,980	15,417	15,670	16,427	15,971	16,234
Dividends and Interest	47,784	37,492	22,214	27,343	23,545	25,194	21,649	29,873	48,550	52,681	26,904
2) CASH USES	2,583,965	2,658,461	2,663,694	2,901,236	2,938,429	2,895,023	2,824,156	2,946,403	3,157,348	3,232,404	3,321,236
Cash Expenses on Inputs	1,776,259	1,833,765	1,902,720	2,082,444	2,139,262	2,119,633	2,064,798	2,175,496	2,354,824	2,404,852	2,457,312
Business Taxes	56,118	65,646	62,915	65,623	66,630	68,774	68,985	71,811	76,441	81,116	84,766
Interest	557,713	532,412	447,994	475,713	451,453	436,890	434,871	436,462	456,741	470,381	496,196
Cash Wages to Hired Labour	113,600	144,197	150,285	157,344	177,080	163,451	166,231	163,081	161,231	167,036	176,123
Cash Rent to all Landlords	80,275	82,441	99,780	120,112	104,004	106,275	89,271	99,553	108,111	109,019	106,839
CASH INCOME (SOURCES – USES)	1,356,810	1,262,238	1,216,078	1,216,368	1,066,549	1,176,149	1,407,748	1,678,646	1,591,743	1,225,814	1,088,478
B. CASH FLOWS											
1) CASH INCOME	1,356,810	1,262,238	1,216,078	1,216,368	1,066,549	1,176,149	1,407,748	1,678,646	1,591,743	1,225,814	1,088,478
2) NET CHG. IN LOANS OUTSTNG	462,288	465,314	462,513	15,377	179,891	197,523	(11,801)	42,219	254,007	325,229	240,993
Change in Current Liabilities	101,876	59,495	42,658	(12,773)	(7,516)	(12,754)	(46,381)	32,311	51,461	59,052	43,685
Change in Long Term Liabilities	360,412	405,819	419,855	28,150	187,407	210,277	34,580	9,908	202,546	266,177	197,308
CASH FOR INVESTMENT OR WITHDRAWAL	1,819,098	1,727,552	1,678,591	1,231,745	1,246,440	1,373,672	1,395,947	1,720,865	1,845,750	1,551,043	1,329,471
3) NET CAPITAL PURCHASES	..	..	1,066,083	..	..	..	732,358	..	1,056,737	..	..
Real Estate			172,326				93,505		232,457		
Non-Real Estate			893,757				638,853		824,280		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	612,508	..	..	..	663,589	..	789,013	..	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	3.943	2.238	1.602	-0.440	-0.256	-0.441	-1.642	1.097	1.630	1.827	1.315
Net Change in Long Term Liabilities to Cash Uses	13.948	15.265	15.762	0.970	6.378	7.263	1.224	0.336	6.415	8.235	5.941
Net Change in Loans Outstanding to Capital Purchases			31.424				-1.215		16.217		
Loans Outstanding to Cash Income	260.050	316.399	366.442	367.618	436.124	412.278	343.613	290.676	322.504	445.309	523.635

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

Prepared: 06/12/92

BRITISH COLUMBIA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	A. CASH TRANSACTIONS										
1) CASH SOURCES	901,301	983,965	934,871	1,024,880	1,061,058	1,100,368	1,124,860	1,175,896	1,206,580	1,245,943	1,260,167
Sales of Primary Production	803,980	850,709	827,944	897,885	934,677	966,296	1,019,242	1,042,919	1,077,503	1,126,791	1,149,354
Sales of Secondary Production	14,963	15,077	16,302	16,426	13,481	14,854	15,000	15,212	15,843	15,752	15,381
Government Payments	55,316	92,604	67,471	78,695	80,223	84,663	52,492	82,717	75,914	63,635	62,661
Government Rebates	12,912	8,596	7,298	11,424	5,963	8,028	6,692	3,019	2,212	816	400
Other Cash Income	14,130	16,979	15,856	20,450	26,734	26,527	31,434	32,029	35,108	36,949	32,371
Custom Receipts	4,249	8,512	10,268	14,421	21,855	21,708	27,417	26,945	27,621	28,947	27,789
Farm Land Rent	559	619	619	601	701	800	898	969	1,031	996	1,004
Dividends and Interest	9,322	7,848	4,969	5,428	4,178	4,019	3,119	4,115	6,456	7,006	3,578
2) CASH USES	745,117	810,295	764,031	821,802	821,086	807,791	783,417	833,718	891,843	895,860	882,466
Cash Expenses on Inputs	423,730	488,093	496,742	542,159	540,600	525,855	504,149	542,648	579,109	573,902	576,932
Business Taxes	12,766	13,525	11,905	10,540	10,184	11,025	11,007	12,448	13,450	14,463	15,273
Interest	202,008	185,416	126,912	129,524	120,830	119,209	109,010	111,109	124,673	129,951	111,558
Cash Wages to Hired Labour	89,765	104,605	109,842	121,484	130,377	131,750	138,665	146,904	152,061	155,121	156,728
Cash Rent to all Landlords	16,848	18,656	18,630	18,095	19,095	19,952	20,586	20,609	22,550	22,423	21,975
CASH INCOME (SOURCES – USES)	156,184	173,870	170,840	203,078	239,971	292,577	341,443	342,178	314,737	350,083	377,701
B. CASH FLOWS											
1) CASH INCOME	156,184	173,670	170,840	203,078	239,971	292,577	341,443	342,178	314,737	350,083	377,701
2) NET CHG. IN LOANS OUTSTNG	(110,551)	76,461	(83,926)	(122,676)	36,119	19,282	39,539	(61,696)	(701)	19,687	(27,137)
Change in Current Liabilities	12,795	12,029	(16,937)	(3,751)	(3,413)	(10,867)	(3,291)	(10,533)	(782)	4,987	(3,595)
Change in Long Term Liabilities	(123,346)	64,432	(66,989)	(118,925)	39,532	30,149	42,830	(51,163)	81	14,720	(23,542)
CASH FOR INVESTMENT OR WITHDRAWAL	45,633	250,131	86,914	80,402	276,090	311,859	380,982	280,482	314,036	369,770	350,564
3) NET CAPITAL PURCHASES	..	..	117,130	..	..	..	178,081	..	97,563	..	..
Real Estate			(12,807)				21,491		(21,351)		
Non-Real Estate			129,937				156,590		118,914		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	(30,216)	..	..	..	202,901	..	216,473	..	..
C. RATIOS	%										
Net Change in Current Liabilities to Cash Uses	1.717	1.485	-2.217	-0.456	-0.416	-1.345	-0.420	-1.263	-0.088	0.554	-0.407
Net Change in Long Term Liabilities to Cash Uses	-16.554	7.952	-8.768	-14.471	4.815	3.732	5.467	-6.137	0.009	1.643	-2.668
Net Change in Loans Outstanding to Capital Purchases			-37.032				18.716		-0.352		
Loans Outstanding to Cash Income	544,723	533,906	493,623	354,854	315,350	265,241	238,860	220,317	239,303	220,765	197,438



Farm Business Cash Flow Summary, December 1992 - Experimental

Enclosed is the experimental Farm Business Cash Flow Summary. The data are presented by province from 1981 to date, together with graphs, notes on the concepts and methods, and data highlights.

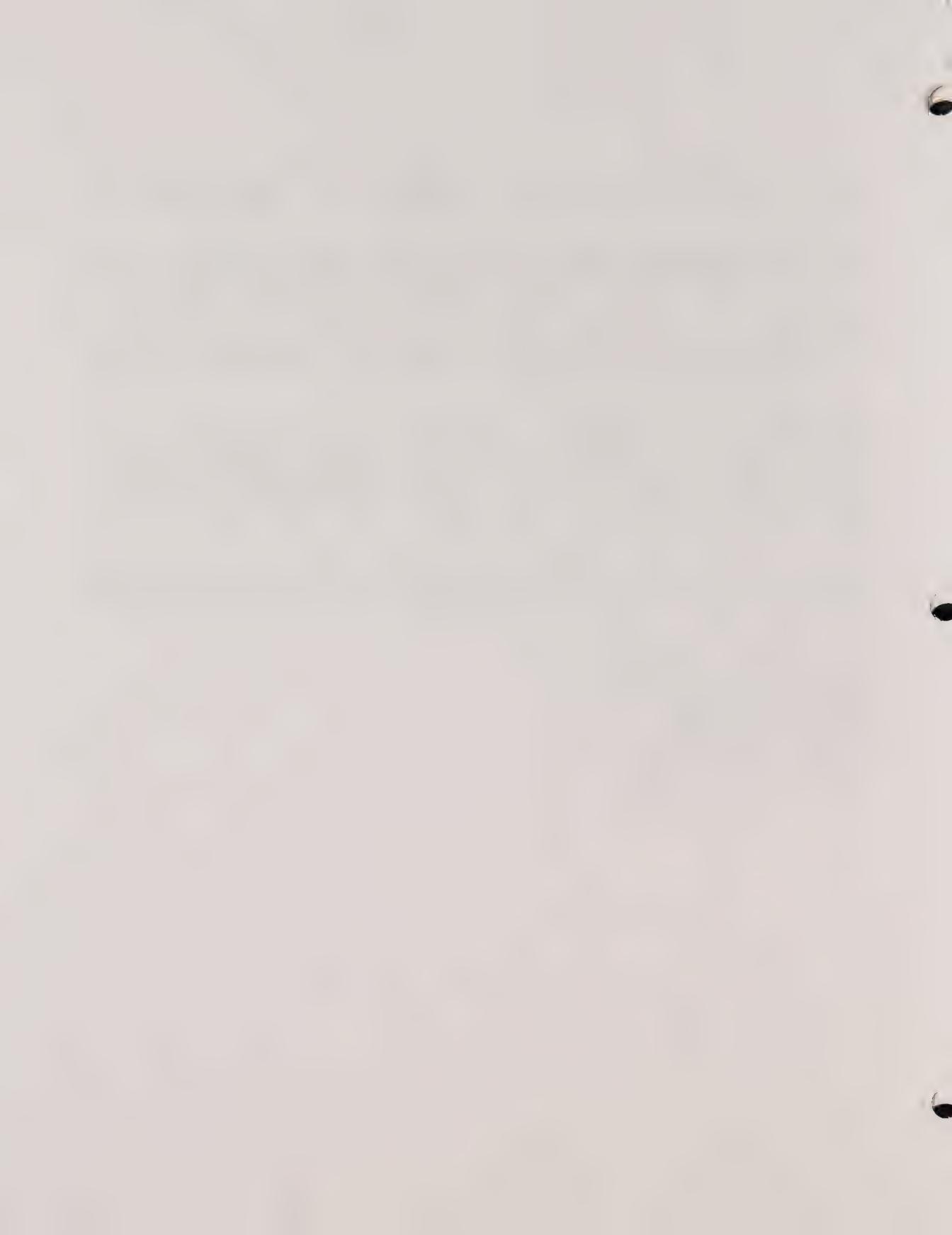
Information on the Cash Flows, in addition to the enclosed concepts, can be found in the Beelen (1983) thesis entitled "An Alternative System of Financial Accounting for the Canadian Agricultural Production Sector".

As revealed in the methods, the Cash Flows are the third of an integrated set of accounts of which the Agriculture Production Account and the Canadian Farm Balance Sheet have already been officially released. The notes on the methods used for both of these series should be read in conjunction with those written specifically for the Cash Flow account.

If you would like further information or if you have any suggestions on how these estimates might be improved, please contact David Aldridge (613-951-3166) or Marcelle Dion (613-951-3172). Thank you.

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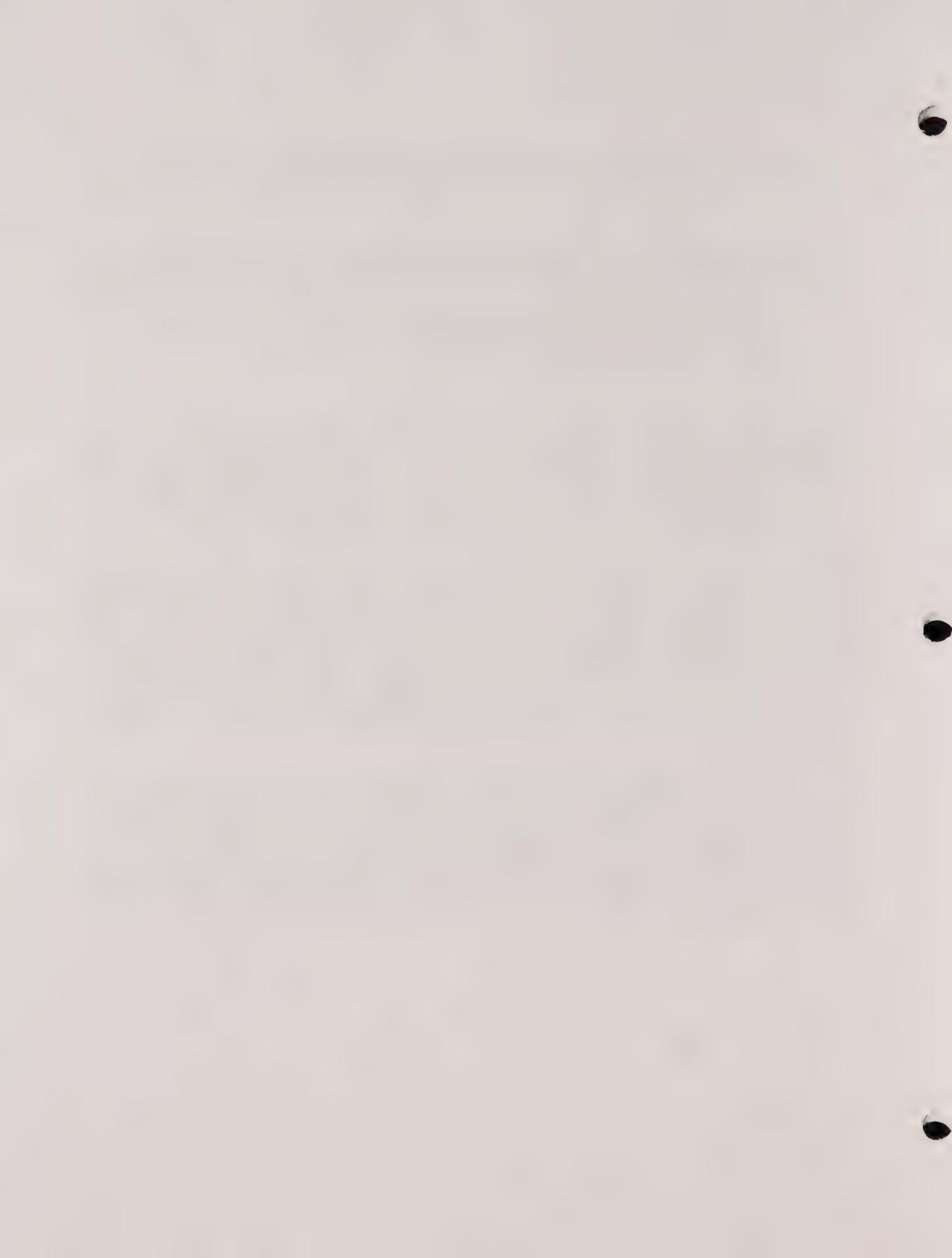
Farm Business Cash Flows (Experimental) Highlights 1991

- The amount of cash available to farm businesses for investments or withdrawals fell 19% to \$6.3 billion in 1991.
- Cash Income fell for the third consecutive year, despite an increase in Government Payments in 1991.
- Loans Outstanding fell modestly.

Cash for investment and withdrawal was reduced in all of the provinces (except Newfoundland), due to a 4% decrease in Cash Income and a large drop in Net Change of Loans Outstanding. The largest decrease occurred in Manitoba, where cash dipped 48%, down to \$411 million from \$788 million in 1990. Saskatchewan and Ontario experienced drops in Cash of 24% and 22% respectively.

Cash Income continued to decline in 1991 with a drop of \$254 million, down 4% from 1990. A 3% decrease in Sales of Primary Production was partially offset by a 23% rise in Government Payments. Both livestock and crop receipts fell 3% accounting for the \$566 million decline in sales. Payments under the Gross Revenue Insurance Plan contributed to the increase in Government Payments which were \$2.3 billion in 1991. This total, however, remained well below the 1988 peak in Government Payments of \$3.4 billion which coincided with a \$1.1 billion payout under the Special Canadian Grains Program.

Net Change in Loans Outstanding dropped \$1.2 billion from the previous year, maintaining the high level of borrowing established in 1990. At that time provisions were made under the Prairie Grain Advance Payments and the Advance Payments for Crops Acts for interest-free loans. The ratio of Loans Outstanding to Cash Income, expressed as a percentage, was 321%, indicating an increase in the use of debt to sustain Cash for Investment or Withdrawal, a level last witnessed in 1985.



FARM BUSINESS CASH FLOW STATEMENTSConcepts

The cash flow accounts which are presented here on an experimental basis are part of an integrated set of accounts for agriculture. They are third in a series which includes the production accounts and the balance sheets. Both of these accounts provide data for the cash flows; therefore, the concepts and methods from those series should also be reviewed in conjunction with the following information.

The cash flow accounts are summaries of cash flows in and out of farm businesses over a calendar year. The basic function of the accounts is to provide information on the financial position of farm establishments (i.e. the amount of cash available to farm establishments to meet current obligations). Specifically, only cash flows pertaining to farm operators are included. Therefore, cash income and expenses of non-operator landlords and the personal portion of households are excluded.

In theory, the establishment concept is used as a basis for the cash flows. An establishment is defined as the smallest operating entity which produces a homogeneous set of goods and services for which records provide data on value of outputs and cost of inputs. However, in practice this theory is not strictly adhered to as seen in the following methods. Future development will be required to better align the cash flow accounts with the establishment concept.

The agriculture sector consists of all establishments where the principal economic activity (greater than 50% of sales) is the production of agricultural products or services. The production of the agricultural sector is all the production activities of all establishments whose principal production activity is agricultural. Note that for the cash flow accounts, the sector includes only the farm business.

The format of the accounts is:

- A) Cash transactions from agricultural production, which account for internal (i.e. production activities of the farm business) sources and uses of funds.
- B) Cash flows from non-production activities consisting of changes in levels of farm loans outstanding and net capital expenditures.
- C) Ratios which indicate how internal and external sources of cash affect current and future farm operations.

Note: It is important to keep in mind that all measures in the accounts are strictly cash exchanges.

A. Cash Transactions

- 1) There are five main components for cash sources:

- Sales of primary production
- Sales of secondary production
- Government payments
- Government rebates
- Other cash income

Sales of primary production consist of principal production activities of farm businesses and include

crop and livestock receipts. Under the establishment concept, secondary production is also recorded and thus recreational services and farm woodlot sales can be added as sources of cash.

Government payments and government rebates are included as cash sources because they are directly associated with farm production. Cash income that is a result of activities not directly related to agricultural production is included as other cash income. Included in this category are: custom work receipts, income from the rental of land and buildings, and interest income, and dividends that apply only to agricultural production. The latter consists of farm cooperative dividends and interest that applies only to the farm business. All personal savings of operators and households are excluded.

- 2) Cash uses include the following:

- Cash expenses on inputs
- Business taxes
- Interest
- Cash wages to hired labour
- Cash rent to all landlords

The above items consist of payments and services necessary for the production of agricultural goods and services. These expenses are meant to capture all cash that leaves the agriculture sector. For example, cash paid to non-operator landlords and hired labour (non-family) is deducted from cash income because it is no longer available to the farm business.

B. Cash Flows

- 1) Change in loans outstanding is an additional source of cash that is external to the production activities of the farm business. An increase in the total value of loans is a positive source of cash income and a decrease is identified as a negative source of cash income. The purpose of displaying both current and long-term debt is to identify the relationship between short-term borrowing and cash income. For example, it could be argued that short-term borrowing is affected to a large degree by fluctuations in cash income. In contrast, long-term loans are less likely to be influenced by year-to-year changes in cash income because they are a long-term investment.

Cash income (sources minus uses), plus the net change in loans outstanding is the amount of cash available to farm businesses for capital and/or financial investments or withdrawal. It should be stressed that while total net income and gross value added are measures of economic production, cash for investment or withdrawal is strictly a cash measure. Thus for example, changes in values of inventories and income-in-kind are not included in the cash flow accounts.

- 2) Net capital purchases represents the flow of cash from real estate and non-real estate purchases and sales associated with the farm business. Personal investments (e.g. household purchases) are excluded. When a farm business is sold, the income received by the retiring operator is not included as cash income.

Cash flow available for financial investment or withdrawals is the amount that is available for proprietors and shareholders to meet current obligations. This figure indicates how much cash is available to the farm business after all farm transactions and capital investments have taken place.

C. Ratios

A total of four ratios are included in the cash flow accounts as described below:

The ratios of current and long-term liabilities to cash uses from production indicates the amount of debt that is used to finance cash uses. If the ratio is high and positive, the farm business is accumulating more debt while paying for farm inputs.

The net change in loans outstanding to capital purchases reflects the importance of external financing for capital investments.

Loans outstanding to cash income simply indicates the burden of farm debt on farm cash income. This ratio also illustrates whether or not farm businesses are spending more (or less) of their cash income to repay debts.

Methods

A) CASH TRANSACTIONS

1) CASH SOURCES (Sum of a to e)

a) Sales of primary production.

Sales of primary production are calculated in the production accounts and include total crop and livestock receipts. The data are based on estimates of cash receipts for net income purposes and adjusted to exclude share income to non-operators. The method used to allocate share income to operators and non-operators is the same which is used to distribute total rent between operators and non-operators in the production accounts.

b) Sales of secondary production.

Data include sales of forest products and are based on estimates for net income purposes.

c) Government payments.

Government payments are based on estimates for farm cash receipts.

d) Government rebates.

Government rebates are based on estimates of rebates reducing expenses for net income purposes.

e) Other cash income includes custom receipts, farm land rents, and dividends and interest.

Survey-based National Farm Survey (NFS) was used to measure custom work receipts prior to 1991, Taxfiler (TAX) estimates are presently used for this measure.

Farm land rent represents total rental income to operator landlords for the rental of agricultural land and buildings. It is based on expense estimates for cash and share rent purposes and adjusted to

exclude non-operators using survey data related to the quantity of farmland rented to others. The survey data is obtained periodically from the Farm Credit Corporation survey. For the cash flow accounts, share rent is excluded from the total rent figure since the account is designed to measure only cash transactions. The adjustment that separates non-operator landlords from operators in the production accounts is similarly used for cash flows.

Dividends and interest relate to farm income only. Thus, interest earned on personal savings accounts are excluded. Estimates are derived using Bank of Canada Reviews and use deposit rates for non-verifiable savings deposits. These rates are multiplied by the value of cash, bonds, and savings which are published in the balance sheets. Non-operator landlords and the personal portion of farm households are excluded (Balance Sheet-Set #4).

2) CASH USES (Sum of a to e)

a) Cash expenses on inputs include: building and fence repairs; electricity, telephone, and heating fuel; machinery fuel and repairs; fertilizer, lime, and pesticides; commercial seed; irrigation; twine, wire, and containers; crop and hail insurance; commercial feed; livestock purchases; artificial insemination and veterinary; business insurance; stabilization premiums and other; and total custom work expenses.

With the exception of the custom work expense, all of these items are based on estimates for farm net income. The custom work expense is based on TAX estimates.

b) Business Taxes.

Business taxes currently include only property taxes and are based on estimates for net income purposes.

c) Interest.

Interest data are based on estimates for net income purposes.

d) Cash Wages to Hired Labour.

Cash wages to hired labour include only wages and salaries paid to non-family members. It is derived by subtracting family wages from total wages (which are based on estimates for net income purposes). The estimate does not include room and board.

The method used to derive family wages is identical to that which can be found in the production account series.

e) Cash Rent to all Landlords.

Cash rent to all landlords is based on cash rent estimates for net income purposes.

B) CASH FLOWS

1) Cash Income = Sources minus uses.

2) Net Change in Loans Outstanding.

Loans outstanding are based on estimates used in Balance Sheets - Set #4 (excludes non-operators and personal portions of farm households). Debt

outstanding for the current year is subtracted from the previous year's debt outstanding figure.

Cash for Investment or Withdrawal.

Cash for investment or withdrawal is derived by adding the net change in loans outstanding to cash income.

3) Net Capital Purchases.

Net Capital Purchases are:

- a) real estate purchases/sales.
- b) non-real estate purchases/sales.

a) Figures for real estate purchases and sales are obtained from periodic Farm Credit Corporation surveys.

b) Non-real estate purchases include land improvements, housing construction (15% of this value is assumed to relate to the farm business), other construction, and farm machinery (includes cars, trucks, combines, tractors, and irrigation equipment). Note that farm machinery purchases includes both new and used machinery. Capital sales include machinery, and quota. Currently, breeding & replacement livestock are not accounted for in cash flows. In the future, both purchases and sales of livestock could be collected and be included.

Cash for financial investment or withdrawal.

Cash for financial investments or withdrawal is calculated by subtracting net capital purchases from cash for investment or withdrawal.

C) RATIOS

Net Change in Current Liabilities to Cash Uses.

- This ratio is calculated as the net change in loans outstanding (current liabilities) divided by cash uses.

Net Change in Long-Term Liabilities to Cash Uses.

- The net change in loans outstanding (long term liabilities) is divided by cash uses.

Net Change in Loans Outstanding to Capital Purchases.

- The ratio is derived by dividing the net change in loans outstanding by total capital purchases.

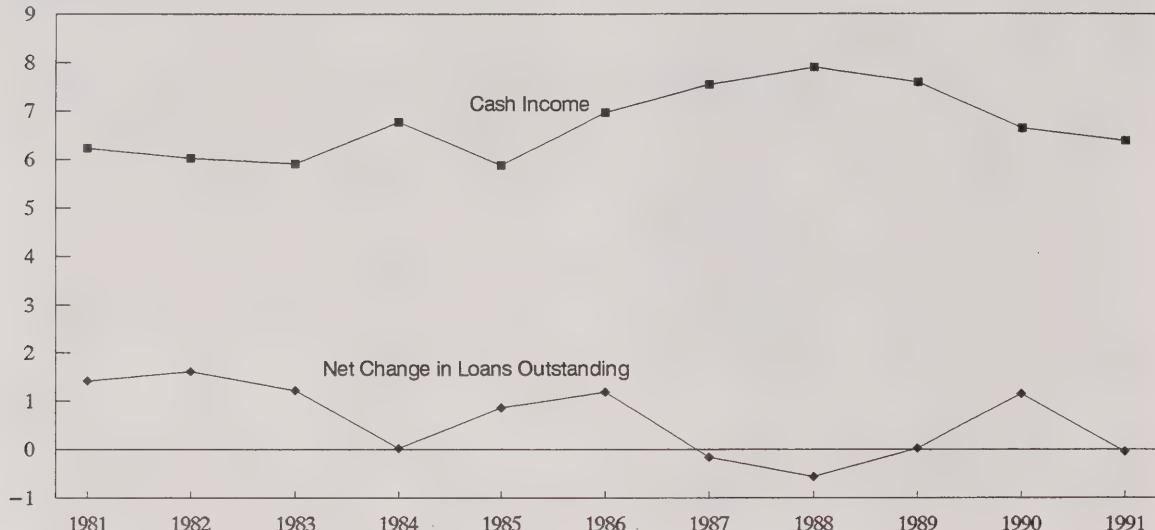
Loans Outstanding to Cash Income.

- The total figure for loans outstanding is divided by cash income.

FARM BUSINESS CASH FLOW (EXPERIMENTAL), CANADA

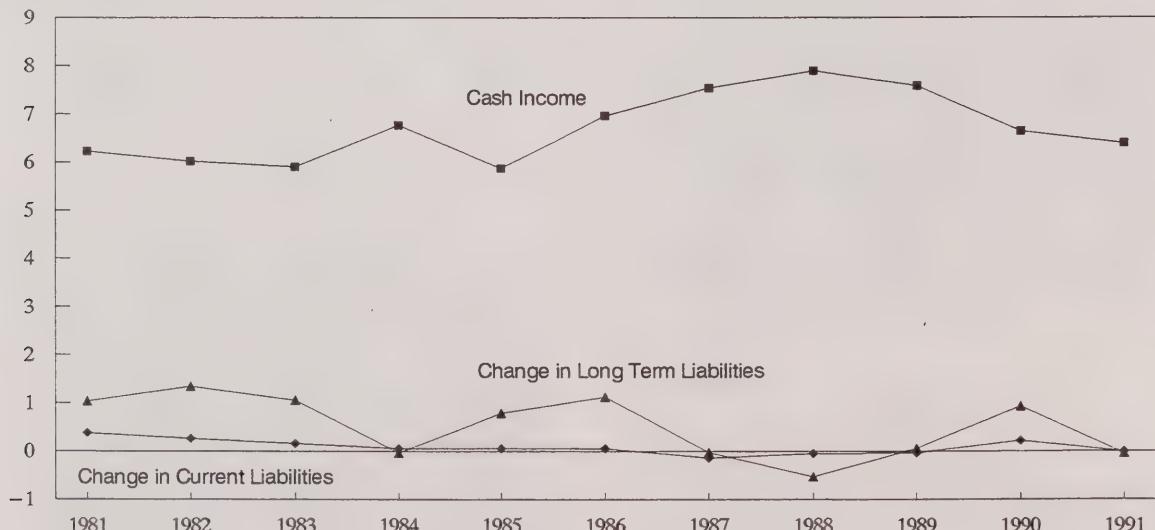
Net Change in Loans Outstanding versus Cash Income
Canada

billions of \$



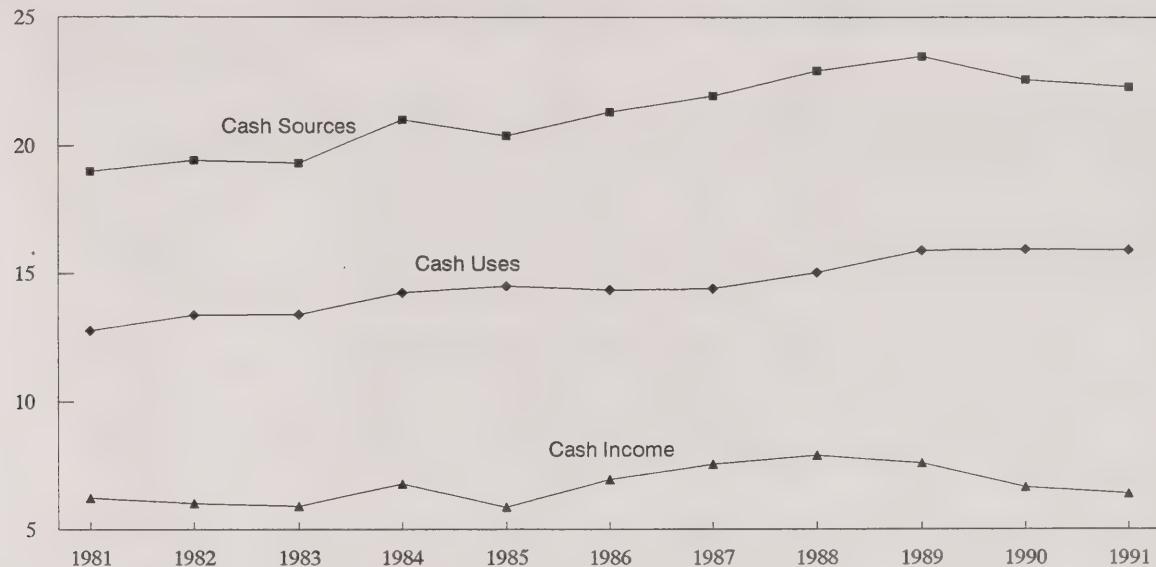
Change in Current and Long Term Liabilities versus Cash Income
Canada

billions of \$



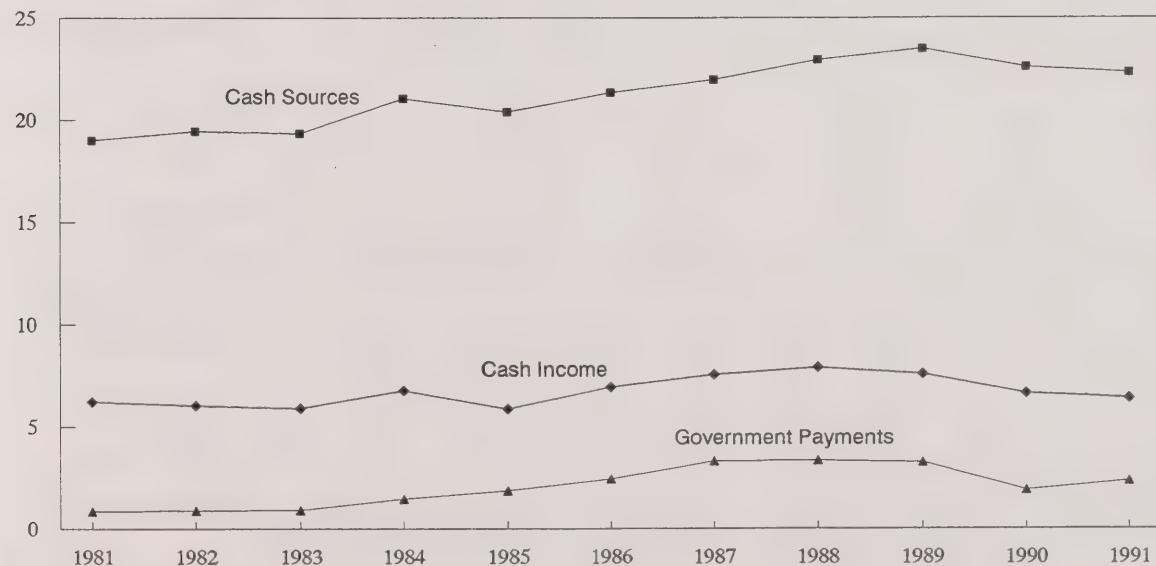
Cash Sources, Cash Uses and Cash Income Canada

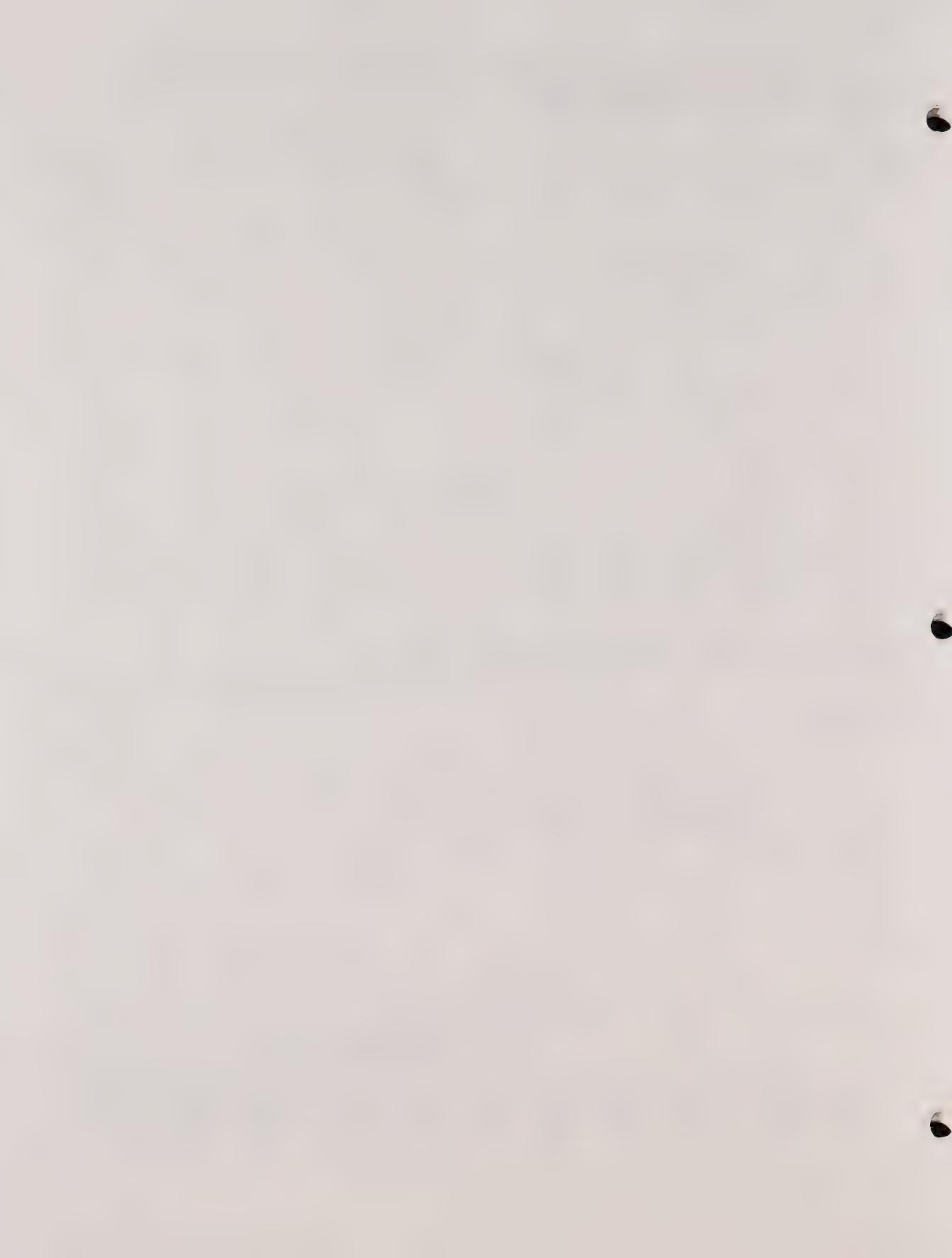
billions of \$



Cash Sources and Cash Income versus Government Payments Canada

billions of \$





FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

CANADA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	19,010,345	19,424,067	19,319,095	21,026,182	20,389,746	21,330,286	21,949,871	22,935,499	23,483,331	22,577,074	22,308,181
Sales of Primary Production	17,322,112	17,643,694	17,591,896	18,619,067	17,486,089	17,663,924	17,468,474	18,376,749	18,949,465	19,354,869	18,791,140
Sales of Secondary Production	65,136	65,633	70,968	71,511	73,726	81,356	82,160	83,318	86,774	86,279	84,245
Government Payments	892,184	919,577	924,298	1,483,224	1,889,740	2,454,320	3,310,073	3,362,051	3,274,615	1,901,442	2,336,496
Government Rebates	226,845	283,867	273,503	306,115	357,217	517,491	508,191	451,628	403,556	417,557	408,702
Other Cash Income	504,068	511,296	458,430	546,265	582,974	613,195	580,973	661,753	768,921	816,927	687,598
Custom Receipts	260,263	295,262	294,318	356,513	417,200	441,518	435,133	472,749	478,195	503,340	499,966
Farm Land Rent	55,169	58,159	64,660	69,355	63,554	63,621	53,970	54,085	61,540	64,898	60,628
Dividends and Interest	188,636	157,875	99,452	120,397	102,220	108,056	91,870	134,919	229,186	248,689	127,004
2) CASH USES	12,773,052	13,392,912	13,410,678	14,252,940	14,509,851	14,365,466	14,406,452	15,037,527	15,890,597	15,933,734	15,918,490
Cash Expenses on Inputs	8,742,709	9,274,840	9,630,988	10,266,089	10,530,375	10,390,481	10,453,264	10,948,825	11,569,198	11,489,084	11,613,102
Business Taxes	353,641	387,945	379,387	401,941	409,611	425,541	448,554	464,517	487,791	507,735	546,907
Interest	2,509,916	2,402,617	1,997,547	2,098,869	2,002,039	2,005,626	1,962,621	2,029,666	2,175,701	2,261,347	2,053,793
Cash Wages to Hired Labour	794,590	929,569	965,636	1,029,220	1,128,247	1,088,620	1,133,214	1,173,644	1,205,127	1,222,044	1,258,505
Cash Rent to all Landlords	372,196	397,941	437,120	456,821	439,579	455,198	408,799	420,875	452,780	453,524	446,183
CASH INCOME (SOURCES - USES)	6,237,293	6,031,155	5,908,417	6,773,241	5,879,895	6,964,820	7,543,419	7,897,972	7,592,734	6,643,340	6,389,691
B. CASH FLOWS											
1) CASH INCOME	6,237,293	6,031,155	5,908,417	6,773,241	5,879,895	6,964,820	7,543,419	7,897,972	7,592,734	6,643,340	6,389,691
2) NET CHG. IN LOANS OUTSTNG	1,420,356	1,619,715	1,224,999	30,717	862,526	1,190,833	(155,672)	(562,634)	29,767	1,158,484	(43,504)
Change in Current Liabilities	383,206	269,476	163,222	61,825	60,690	62,173	(133,379)	(42,569)	(32,619)	225,989	(7,628)
Change in Long Term Liabilities	1,037,150	1,350,239	1,061,777	(31,108)	801,836	1,128,660	(22,293)	(520,065)	62,386	932,495	(35,876)
CASH FOR INVESTMENT OR WITHDRAWAL	7,657,649	7,650,870	7,133,416	6,803,958	6,742,421	8,155,653	7,387,747	7,335,338	7,622,501	7,801,824	6,346,187
3) NET CAPITAL PURCHASES	..	..	4,018,021	..	..	..	3,143,705	..	3,551,926	..	..
Real Estate			596,014				373,517		390,307		
Non-Real Estate			3,422,007				2,770,188		3,161,619		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	3,115,395	..	..	..	4,244,042	..	4,070,575	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	3.000	2.012	1.217	0.434	0.418	0.433	-0.926	-0.283	-0.205	1.418	-0.048
Net Change in Long Term Liabilities to Cash Uses	8.120	10.082	7.917	-0.218	5.526	7.857	-0.155	-3.458	0.393	5.852	-0.225
Net Change in Loans Outstanding to Capital Purchases			16.719				-3.411		0.572		
Loans Outstanding to Cash Income	243.058	278.221	304.734	266.278	321.404	288.436	264.249	245.262	255.514	309.468	321.072

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

NEWFOUNDLAND	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	32,458	33,572	34,909	41,509	43,154	44,708	47,185	54,809	58,556	59,882	61,956
Sales of Primary Production	31,781	33,257	34,659	41,056	42,905	43,517	45,130	52,269	55,368	57,086	58,940
Sales of Secondary Production	93	94	101	101	117	129	129	132	138	137	136
Government Payments	355	52	42	230	24	788	1,684	2,128	2,674	2,271	2,605
Government Rebates	38	17	13	10	13	15	24	32	35	23	18
Other Cash Income	191	152	94	112	95	259	238	248	341	365	257
Custom Receipts	0	0	0	0	0	160	151	122	131	137	137
Farm Land Rent	7	7	8	8	7	7	9	9	9	10	9
Dividends and Interest	184	145	86	104	88	92	78	117	201	218	111
2) CASH USES	25,370	27,038	27,562	30,971	33,518	35,325	36,316	39,987	40,729	43,005	40,135
Cash Expenses on Inputs	20,677	21,709	22,024	24,642	26,981	28,259	28,509	31,322	31,842	33,110	29,717
Business Taxes	28	30	32	36	46	63	73	76	80	84	89
Interest	1,524	1,616	1,777	1,971	1,737	2,095	2,173	2,448	2,809	3,030	3,175
Cash Wages to Hired Labour	2,947	3,484	3,523	4,119	4,590	4,758	5,391	5,981	5,835	6,618	6,993
Cash Rent to all Landlords	194	199	206	203	164	150	170	160	163	163	161
CASH INCOME (SOURCES - USES)	7,088	6,534	7,347	10,537	9,636	9,383	10,869	14,822	17,827	16,877	21,821
B. CASH FLOWS											
1) CASH INCOME	7,088	6,534	7,347	10,537	9,636	9,383	10,869	14,822	17,827	16,877	21,821
2) NET CHG. IN LOANS OUTSTNG	2,668	1,315	3,373	2,075	459	563	1,833	4,389	3,197	710	3,659
Change in Current Liabilities	575	348	772	676	352	403	791	557	46	149	762
Change in Long Term Liabilities	2,093	967	2,601	1,399	107	160	1,042	3,832	3,151	561	2,897
CASH FOR INVESTMENT OR WITHDRAWAL	9,756	7,849	10,720	12,612	10,095	9,946	12,702	19,211	21,024	17,587	25,480
3) NET CAPITAL PURCHASES	..	..	4,794	..	..	..	7,330	..	6,497	..	..
Real Estate			45				68		77		
Non-Real Estate			4,750				7,263		6,420		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	5,926	..	..	..	5,372	..	14,527	..	..
C. RATIOS											%
Net Change in Current Liabilities to Cash Uses	2.267	1.287	2.801	2.183	1.050	1.141	2.178	1.393	0.113	0.347	1.899
Net Change in Long Term Liabilities to Cash Uses	8,250	3,576	9,437	4,517	0.319	0.453	2.869	9.583	7.737	1.305	7.218
Net Change in Loans Outstanding to Capital Purchases			68,333				24,258		47,293		
Loans Outstanding to Cash Income	193,224	229,746	250,221	194,155	217,080	228,936	214,498	186,908	173,337	187,299	161,628

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

PRINCE EDWARD ISLAND	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	192,420	165,310	176,083	194,688	174,393	189,035	216,718	209,933	259,555	251,975	244,199
Sales of Primary Production	176,590	153,690	162,073	180,192	157,671	169,406	198,535	180,955	236,674	230,579	215,614
Sales of Secondary Production	363	367	395	401	438	485	491	498	522	514	501
Government Payments	12,432	7,623	9,483	10,077	12,528	15,025	12,837	22,345	16,178	14,408	22,680
Government Rebates	799	875	740	791	729	912	1,289	1,974	1,153	1,108	753
Other Cash Income	2,236	2,755	3,392	3,227	3,027	3,207	3,586	4,161	5,028	5,366	4,651
Custom Receipts	1,157	1,829	2,759	2,478	2,343	2,483	2,906	3,161	3,411	3,575	3,575
Farm Land Rent	116	131	138	145	168	175	191	261	304	366	348
Dividends and Interest	963	795	495	604	516	549	469	739	1,313	1,425	728
2) CASH USES	112,979	123,166	130,122	135,879	140,018	141,139	144,131	154,458	162,862	163,423	161,383
Cash Expenses on Inputs	81,219	88,782	93,959	97,859	101,802	102,402	105,284	111,960	118,414	115,566	115,282
Business Taxes	1,118	1,236	1,187	1,209	1,311	1,314	1,398	1,456	1,574	1,571	1,659
Interest	14,834	15,309	14,081	14,487	14,523	14,685	13,957	15,452	17,225	17,932	17,206
Cash Wages to Hired Labour	12,715	14,368	17,235	18,468	18,351	18,939	19,696	20,795	20,291	22,168	21,112
Cash Rent to all Landlords	3,093	3,471	3,660	3,856	4,031	3,799	3,796	4,795	5,358	6,186	6,124
CASH INCOME (SOURCES - USES)	79,441	42,144	45,981	58,809	34,375	47,896	72,587	55,475	96,693	88,552	82,816
B. CASH FLOWS											
1) CASH INCOME	79,441	42,144	45,981	58,809	34,375	47,896	72,587	55,475	96,693	88,552	82,816
2) NET CHG. IN LOANS OUTSTNG	13,375	16,910	15,757	2,224	10,095	3,821	(5,239)	4,840	(4,569)	12,753	6,407
Change in Current Liabilities	3,593	4,240	4,067	2,606	4,068	2,806	579	(1,398)	(4,461)	2,942	1,517
Change in Long Term Liabilities	9,782	12,670	11,690	(382)	6,027	1,015	(5,818)	6,238	(108)	9,811	4,890
CASH FOR INVESTMENT OR WITHDRAWAL	92,816	59,054	61,718	61,033	44,470	51,717	67,348	60,315	92,124	101,305	89,223
3) NET CAPITAL PURCHASES	..	..	33,444	..	..	..	55,001	..	48,869	..	..
Real Estate			3,822				6,737		5,520		
Non-Real Estate			29,622				48,264		43,349		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	28,274	..	..	..	12,347	..	43,255	..	..
C. RATIOS											%
Net Change in Current Liabilities to Cash Uses	3.180	3.443	3.126	1.918	2.905	1.988	0.402	-0.905	-2.739	1.800	0.940
Net Change in Long Term Liabilities to Cash Uses	8.658	10.287	8.984	-0.281	4.304	0.719	-4.037	4.039	-0.066	6.003	3.030
Net Change in Loans Outstanding to Capital Purchases			39.492				-8.173		-7.384		
Loans Outstanding to Cash Income	123,260	272,468	284,123	225,834	415,725	306,340	194,920	263,770	146,606	174,486	194,309

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

NOVA SCOTIA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	232,621	238,001	242,260	264,657	264,362	279,534	305,427	321,895	325,276	331,415	319,240
Sales of Primary Production	213,684	221,779	224,830	241,907	242,006	258,586	283,163	293,639	290,348	301,414	295,761
Sales of Secondary Production	4,736	4,773	5,162	5,201	5,526	6,099	6,159	6,247	6,505	6,469	6,315
Government Payments	8,510	5,621	5,977	10,478	9,001	6,319	7,318	11,715	17,616	12,957	8,582
Government Rebates	2,627	2,856	2,812	2,816	2,853	2,816	2,908	3,098	2,944	2,115	1,004
Other Cash Income	3,064	2,972	3,479	4,255	4,976	5,714	5,879	7,196	7,863	8,460	7,578
Custom Receipts	1,694	1,837	2,749	3,374	4,200	4,888	5,151	6,130	6,096	6,543	6,543
Farm Land Rent	63	65	69	72	83	87	95	111	116	126	120
Dividends and Interest	1,307	1,070	661	809	693	739	633	955	1,651	1,791	915
2) CASH USES	165,940	181,456	188,853	199,497	194,778	191,850	196,407	209,689	217,740	211,327	205,184
Cash Expenses on Inputs	124,967	136,583	141,697	147,080	142,694	139,407	142,493	150,995	157,151	148,804	143,444
Business Taxes	1,651	1,632	1,614	1,558	1,574	1,613	1,837	1,935	1,906	1,925	2,033
Interest	15,742	16,801	15,275	16,391	15,391	15,622	15,958	18,250	21,174	23,037	21,181
Cash Wages to Hired Labour	21,893	24,704	28,435	32,551	33,136	33,308	34,219	36,477	35,463	35,431	36,417
Cash Rent to all Landlords	1,687	1,736	1,832	1,917	1,983	1,900	1,900	2,032	2,046	2,130	2,109
CASH INCOME (SOURCES - USES)	66,680	56,545	53,407	65,160	69,585	87,684	109,020	112,206	107,536	120,088	114,056
B. CASH FLOWS											
1) CASH INCOME	66,680	56,545	53,407	65,160	69,585	87,684	109,020	112,206	107,536	120,088	114,056
2) NET CHG. IN LOANS OUTSTNG	28,305	11,273	5,993	10,142	1,273	(792)	5,890	35,724	7,265	19,563	9,238
Change in Current Liabilities	7,325	4,066	2,970	5,062	2,901	2,299	4,316	(814)	(3,146)	4,477	2,119
Change in Long Term Liabilities	20,980	7,207	3,023	5,080	(1,628)	(3,091)	1,574	36,538	10,411	15,086	7,119
CASH FOR INVESTMENT OR WITHDRAWAL	94,985	67,818	59,400	75,302	70,858	86,892	114,910	147,930	114,801	139,651	123,294
3) NET CAPITAL PURCHASES	..	..	35,322	..	..	..	55,440	..	49,904	..	..
Real Estate			2,250				4,229		2,949		
Non-Real Estate			33,073				51,211		46,955		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	24,077	..	..	..	59,470	..	64,897	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	4.414	.2.241	1.573	2.537	1.489	1.198	2.198	-0.388	-1.445	2.119	1.033
Net Change in Long Term Liabilities to Cash Uses	0.126	0.040	0.016	0.025	-0.008	-0.016	0.008	0.174	0.048	0.071	0.035
Net Change in Loans Outstanding to Capital Purchases			13.507				8.514		10.642		
Loans Outstanding to Cash Income	200.377	256.229	282.508	247.115	233.231	184.185	153.542	181.020	195.637	191.478	209.705

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

NEW BRUNSWICK	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	198,863	192,708	202,668	219,919	219,891	228,048	247,501	258,632	278,744	284,442	259,604
Sales of Primary Production	181,494	180,910	186,791	203,103	198,921	211,083	226,043	233,327	254,073	263,764	235,354
Sales of Secondary Production	4,341	4,374	4,730	4,766	6,142	6,776	6,844	6,938	7,228	7,186	7,017
Government Payments	9,012	4,971	8,207	8,669	11,344	6,287	9,833	12,993	11,230	6,584	11,068
Government Rebates	2,491	184	144	163	293	420	335	578	688	615	503
Other Cash Income	1,525	2,269	2,796	3,218	3,191	3,482	4,446	4,796	5,525	6,293	5,662
Custom Receipts	577	1,455	2,257	2,568	2,616	2,864	3,897	4,016	4,249	4,910	4,910
Farm Land Rent	49	55	57	59	67	76	84	90	97	103	98
Dividends and Interest	899	759	482	591	508	542	465	690	1,179	1,280	654
2) CASH USES	146,211	155,981	153,095	160,918	167,620	164,577	171,515	177,647	186,638	183,855	178,723
Cash Expenses on Inputs	104,931	111,878	113,156	117,773	120,651	115,580	120,408	125,408	131,067	127,652	122,912
Business Taxes	1,798	1,836	1,861	1,960	2,030	2,336	2,598	2,697	2,381	2,253	
Interest	20,585	20,244	15,038	16,544	17,634	18,462	18,770	18,935	19,694	19,790	19,341
Cash Wages to Hired Labour	17,598	20,558	21,521	23,074	25,694	26,543	28,073	28,956	31,785	32,410	32,484
Cash Rent to all Landlords	1,299	1,465	1,519	1,567	1,611	1,656	1,666	1,651	1,711	1,750	1,733
CASH INCOME (SOURCES - USES)	52,652	36,727	49,573	59,001	52,271	63,471	75,986	80,985	92,106	100,587	80,881
B. CASH FLOWS											
1) CASH INCOME	52,652	36,727	49,573	59,001	52,271	63,471	75,986	80,985	92,106	100,587	80,881
2) NET CHG. IN LOANS OUTSTNG	28,332	4,306	(7,876)	21,918	21,580	9,856	1,778	(281)	(16,170)	4,958	7,379
Change in Current Liabilities	6,756	2,171	(408)	7,199	7,495	4,345	3,838	(4,221)	(8,745)	1,124	1,643
Change in Long Term Liabilities	21,576	2,135	(7,468)	14,719	14,085	5,511	(2,060)	3,940	(9,425)	3,834	5,736
CASH FOR INVESTMENT OR WITHDRAWAL	80,984	41,033	41,697	80,919	73,851	73,327	77,764	80,704	73,936	105,545	88,260
3) NET CAPITAL PURCHASES	..	..	31,440	..	..	..	45,675	..	42,465	..	..
Real Estate			6,217				7,561		7,465		
Non-Real Estate			25,223				38,114		35,000		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	10,257	..	..	..	32,089	..	31,471	..	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	4.621	1.392	-0.267	4.474	4.471	2.640	2.238	-2.376	-4.686	0.611	0.900
Net Change in Long Term Liabilities to Cash Uses	14.757	1.369	-4.878	9.147	8.403	3.349	-1.201	2.218	-5.050	2.085	3.200
Net Change in Loans Outstanding to Capital Purchases			-21.710				3,442		-35,811		
Loans Outstanding to Cash Income	297,243	437,853	308,507	296,355	375,799	325,011	273,823	256,575	205,867	193,438	249,693

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

QUEBEC	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	2,813,792	3,020,840	2,845,140	3,199,140	3,238,394	3,395,693	3,395,085	3,672,059	3,908,689	3,977,587	3,894,574
Sales of Primary Production	2,441,628	2,620,931	2,450,841	2,717,618	2,731,979	2,870,991	2,919,610	3,029,799	3,147,390	3,242,772	3,099,387
Sales of Secondary Production	24,030	24,213	26,181	26,380	31,303	34,542	34,883	35,375	36,838	36,631	35,769
Government Payments	214,934	194,257	231,408	310,925	331,873	345,244	300,003	442,195	518,758	465,757	555,927
Government Rebates	88,621	136,085	95,543	93,056	89,535	91,621	85,103	93,552	119,306	138,174	125,035
Other Cash Income	44,579	45,354	41,167	51,161	53,704	53,295	55,486	71,138	86,397	94,253	78,456
Custom Receipts	27,453	28,861	29,178	37,405	41,791	40,600	44,017	53,840	56,797	62,128	60,418
Farm Land Rent	1,333	1,857	1,973	1,756	1,816	2,107	2,530	2,797	3,397	3,692	3,518
Dividends and Interest	15,793	14,636	10,016	12,000	10,097	10,588	8,939	14,501	26,203	28,433	14,520
2) CASH USES	1,984,838	2,129,592	2,081,466	2,162,533	2,162,097	2,175,160	2,241,671	2,434,022	2,572,457	2,587,030	2,561,106
Cash Expenses on Inputs	1,476,809	1,547,492	1,570,774	1,636,826	1,632,943	1,645,742	1,716,713	1,856,044	1,922,173	1,890,702	1,882,072
Business Taxes	31,381	31,668	31,640	30,914	30,817	33,739	36,171	38,420	41,225	44,631	60,125
Interest	348,626	385,610	299,287	312,919	305,124	310,382	296,900	332,410	396,245	428,729	389,506
Cash Wages to Hired Labour	111,763	142,177	155,698	160,456	172,867	163,052	166,865	181,109	182,413	191,168	197,921
Cash Rent to all Landlords	16,259	22,645	24,067	21,418	20,546	22,245	25,022	26,039	30,401	31,800	31,482
CASH INCOME (SOURCES - USES)	828,955	891,249	763,674	1,036,607	1,076,296	1,220,533	1,153,414	1,238,037	1,336,232	1,390,557	1,333,468
B. CASH FLOWS											
1) CASH INCOME	828,955	891,249	763,674	1,036,607	1,076,296	1,220,533	1,153,414	1,238,037	1,336,232	1,390,557	1,333,468
2) NET CHG. IN LOANS OUTSTNG	336,658	213,549	76,769	72,860	43,354	57,426	52,675	97,511	148,536	107,385	86,005
Change in Current Liabilities	69,212	53,531	36,891	2,392	(13,917)	(9,362)	(13,011)	42,186	44,981	15,625	12,762
Change in Long Term Liabilities	267,446	160,018	39,878	70,468	57,271	66,788	65,686	55,325	103,555	91,760	73,243
CASH FOR INVESTMENT OR WITHDRAWAL	1,165,613	1,104,798	840,443	1,109,467	1,119,650	1,277,959	1,206,089	1,335,548	1,484,768	1,497,942	1,419,473
3) NET CAPITAL PURCHASES	..	..	403,507	..	..	..	601,025	..	539,331	..	..
Real Estate			51,919				86,723		46,260		
Non-Real Estate			351,588				514,302		493,071		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	436,936	..	..	..	605,064	..	945,437	..	..
C. RATIOS	%										
Net Change in Current Liabilities to Cash Uses	3.487	2.514	1.772	0.111	-0.644	-0.430	-0.580	1.733	1.749	0.604	0.498
Net Change in Long Term Liabilities to Cash Uses	13.475	7.514	1.916	3.259	2.649	3.071	2.930	2.273	4.026	3.547	2.860
Net Change in Loans Outstanding to Capital Purchases			14.572				6.924		20.844		
Loans Outstanding to Cash Income	251.173	257.578	310.660	235.893	231.223	208.603	225.309	217.785	212.896	212.302	227.840

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

ONTARIO	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	4,989,621	5,036,410	5,162,345	5,482,885	5,268,509	5,700,681	5,836,789	6,036,973	6,041,082	5,931,149	5,804,761
Sales of Primary Production	4,584,763	4,669,868	4,760,875	5,006,291	4,837,971	5,217,067	5,099,120	5,208,374	5,206,126	5,280,698	5,077,189
Sales of Secondary Production	11,985	12,076	13,060	13,158	12,120	13,374	13,506	13,696	14,263	14,182	13,848
Government Payments	208,950	145,285	188,333	204,477	110,654	139,879	323,599	409,191	422,694	190,863	299,608
Government Rebates	57,596	77,392	71,642	88,864	128,625	157,938	216,703	204,827	157,441	183,803	188,568
Other Cash Income	126,327	131,789	128,435	170,095	179,139	172,423	183,861	200,885	240,558	261,603	225,548
Custom Receipts	73,827	83,231	90,793	127,720	140,760	131,511	145,637	147,412	154,787	168,054	170,092
Farm Land Rent	11,478	12,593	14,070	13,230	13,187	13,869	14,923	15,152	15,982	17,822	16,783
Dividends and Interest	41,022	35,965	23,572	29,145	25,192	27,043	23,301	38,321	69,789	75,727	38,673
2) CASH USES	3,599,491	3,742,362	3,633,752	3,842,594	3,917,221	3,871,912	3,954,560	4,161,288	4,295,518	4,268,481	4,207,134
Cash Expenses on Inputs	2,396,395	2,560,396	2,566,692	2,749,085	2,808,174	2,768,608	2,834,515	3,010,789	3,078,488	3,021,334	3,003,970
Business Taxes	104,247	114,487	109,280	115,472	124,647	133,613	139,355	146,358	159,324	163,105	172,239
Interest	689,596	615,529	484,688	498,249	464,314	453,893	440,181	450,665	487,238	508,156	440,846
Cash Wages to Hired Labour	308,213	341,092	349,240	363,331	406,309	398,559	416,772	430,188	447,099	445,032	460,534
Cash Rent to all Landlords	101,040	110,858	123,852	116,457	113,777	117,239	123,737	123,288	123,369	130,854	129,545
CASH INCOME (SOURCES - USES)	1,390,131	1,294,047	1,528,593	1,640,291	1,351,288	1,828,769	1,882,229	1,875,685	1,745,564	1,662,668	1,597,627
B. CASH FLOWS											
1) CASH INCOME	1,390,131	1,294,047	1,528,593	1,640,291	1,351,288	1,828,769	1,882,229	1,875,685	1,745,564	1,662,668	1,597,627
2) NET CHG. IN LOANS OUTSTNG	294,123	242,255	54,952	67,238	80,115	(157,965)	(155,586)	(51,846)	(3,523)	169,193	(171,438)
Change in Current Liabilities	63,892	12,774	(42,131)	9,568	(13,207)	(71,773)	(64,219)	(986)	(9,157)	40,104	(35,812)
Change in Long Term Liabilities	230,231	229,481	97,083	57,670	93,322	(86,192)	(91,367)	(50,860)	5,634	129,089	(135,626)
CASH FOR INVESTMENT OR WITHDRAWAL	1,684,254	1,536,302	1,583,545	1,707,529	1,431,403	1,670,804	1,726,643	1,823,839	1,742,041	1,831,861	1,426,189
3) NET CAPITAL PURCHASES	..	..	802,524	..	..	..	730,731	..	683,196	..	..
Real Estate			20,141				(9,766)		(76,148)		
Non-Real Estate			782,382				740,497		759,344		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	781,021	..	..	..	995,912	..	1,058,845	..	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	1.775	0.341	-1.159	0.249	-0.337	-1.854	-1.624	-0.024	-0.213	0.940	-0.851
Net Change in Long Term Liabilities to Cash Uses	6.396	6.132	2.672	1.501	2.382	-2.226	-2.310	-1.222	0.131	3.024	-3.224
Net Change in Loans Outstanding to Capital Purchases			4,290				-13,234		-0.279		
Loans Outstanding to Cash Income	290.448	330.734	283.582	268.370	331.695	236.454	221.472	219.481	235.640	257.564	257.319

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

MANITOBA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	1,678,046	1,754,045	1,822,331	2,018,945	2,031,104	2,129,963	2,132,991	2,093,877	2,142,468	1,997,328	1,991,290
Sales of Primary Production	1,542,001	1,643,621	1,689,392	1,817,652	1,795,061	1,813,755	1,593,639	1,604,340	1,626,039	1,767,263	1,701,646
Sales of Secondary Production	1,082	1,090	1,179	1,188	1,334	1,471	1,487	1,507	1,569	1,562	1,522
Government Payments	80,490	47,609	78,130	134,201	172,246	237,746	477,557	431,831	449,853	169,284	228,589
Government Rebates	11,944	13,635	13,502	17,744	18,938	23,592	25,939	14,038	5,797	3,304	16,199
Other Cash Income	42,529	48,090	40,128	48,160	43,525	53,399	34,369	42,161	59,210	55,915	43,334
Custom Receipts	19,045	26,613	23,185	28,557	24,941	33,406	18,482	21,372	28,163	22,015	21,134
Farm Land Rent	7,238	7,448	7,863	9,049	9,944	11,156	8,596	9,378	10,859	11,994	11,013
Dividends and Interest	16,246	14,029	9,080	10,554	8,640	8,837	7,291	11,411	20,188	21,906	11,187
2) CASH USES	1,216,452	1,248,382	1,305,206	1,412,403	1,455,076	1,397,810	1,373,722	1,404,766	1,481,857	1,502,450	1,496,726
Cash Expenses on Inputs	861,603	897,468	973,163	1,055,409	1,094,332	1,044,983	1,034,706	1,054,230	1,118,281	1,117,203	1,140,550
Business Taxes	42,181	45,675	47,120	48,484	47,111	47,373	49,604	51,280	49,963	54,100	57,130
Interest	210,582	189,380	169,374	177,900	169,052	168,260	165,374	169,764	177,930	195,019	161,239
Cash Wages to Hired Labour	47,951	60,151	56,736	62,932	75,239	64,328	71,203	75,094	76,938	75,335	78,230
Cash Rent to all Landlords	54,135	55,708	58,813	67,678	69,342	72,866	52,835	54,398	58,745	60,793	59,577
CASH INCOME (SOURCES - USES)	461,595	505,663	517,125	606,542	576,028	732,152	759,269	689,111	660,611	494,878	494,564
B. CASH FLOWS											
1) CASH INCOME	461,595	505,663	517,125	606,542	576,028	732,152	759,269	689,111	660,611	494,878	494,564
2) NET CHG. IN LOANS OUTSTNG	84,395	131,049	128,193	(8,348)	97,362	35,607	(51,234)	(67,587)	(39,076)	293,609	(83,253)
Change in Current Liabilities	41,340	40,674	40,140	7,664	14,766	2,014	(23,732)	(19,138)	(26,219)	63,577	(17,105)
Change in Long Term Liabilities	43,055	90,375	88,053	(16,012)	82,596	33,593	(27,502)	(48,449)	(10,857)	230,032	(66,148)
CASH FOR INVESTMENT OR WITHDRAWAL	545,990	636,712	645,318	598,194	673,390	767,759	708,035	621,524	621,535	788,487	411,311
3) NET CAPITAL PURCHASES	..	..	311,794	..	..	..	294,545	..	369,044	..	..
Real Estate			29,887				22,413		75,955		
Non-Real Estate			281,907				272,132		293,089		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	333,525	..	..	..	413,490	..	252,491	..	..
C. RATIOS	% 										
Net Change in Current Liabilities to Cash Uses	3.398	3.258	3.075	0.543	1.015	0.144	-1.728	-1.362	-1.904	4.232	-1.143
Net Change in Long Term Liabilities to Cash Uses	3.539	7.239	6.746	-1.134	5.676	2.403	-2.002	-3.449	-0.733	15.311	-4.420
Net Change in Loans Outstanding to Capital Purchases			31.869				-14.074		-7.984		
Loans Outstanding to Cash Income	290.400	291.008	309.347	262.367	293.168	235.516	220.357	232.983	237.119	375.860	359.264

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

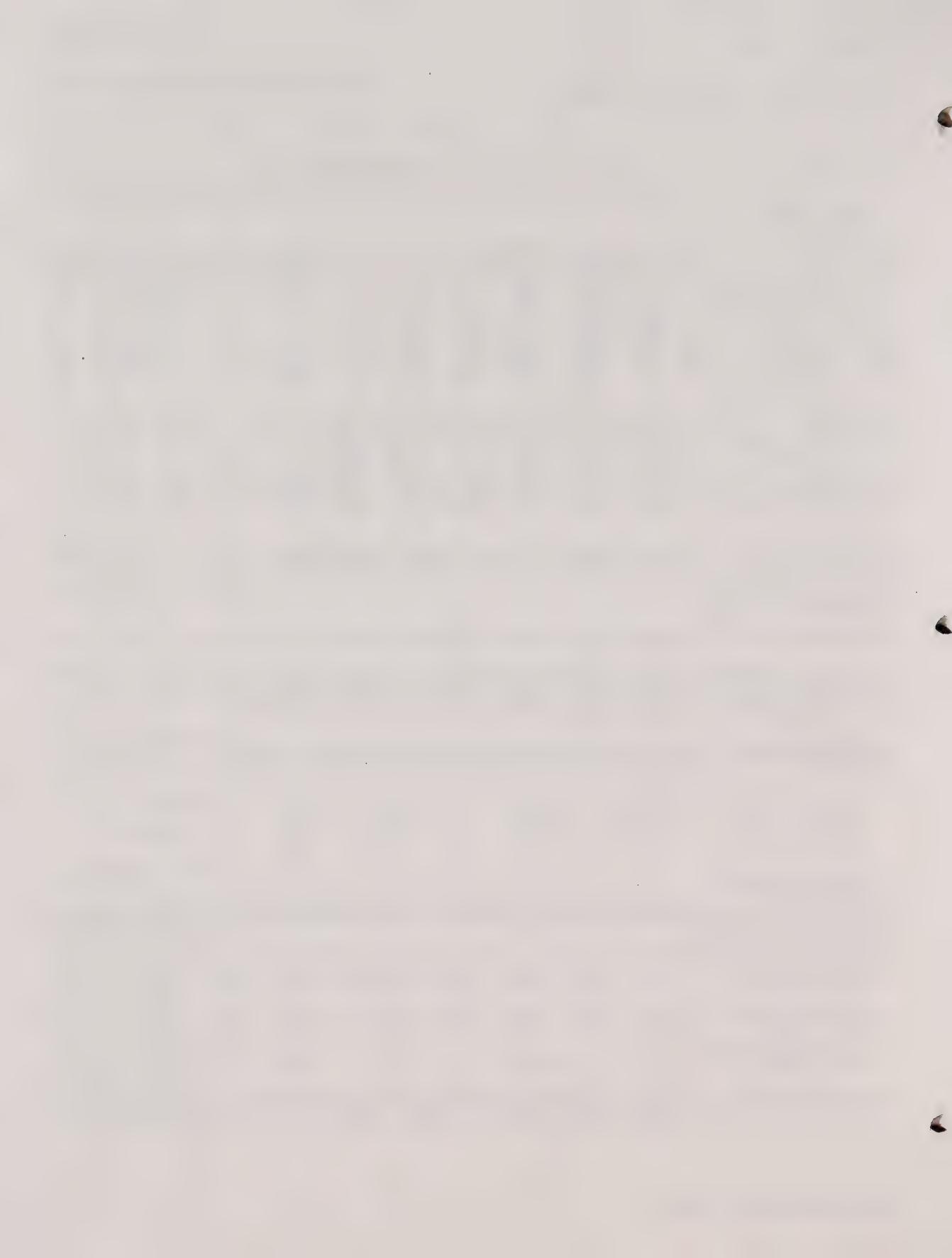
SASKATCHEWAN	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	4,030,446	4,078,517	4,018,716	4,461,954	4,083,904	4,191,085	4,411,412	4,486,377	4,513,290	4,035,241	4,066,749
Sales of Primary Production	3,667,749	3,788,551	3,712,112	3,924,960	3,255,437	3,082,842	2,934,996	3,133,359	3,147,644	3,219,992	3,242,848
Sales of Secondary Production	996	1,002	1,084	1,093	1,194	1,318	1,330	1,350	1,407	1,398	1,365
Government Payments	203,022	160,317	194,351	393,829	686,190	957,284	1,319,248	1,198,649	1,199,666	657,564	705,736
Government Rebates	32,363	15,581	18,937	35,124	26,629	33,296	53,620	43,465	30,330	13,111	7,274
Other Cash Income	126,316	113,066	92,232	106,948	114,454	116,345	102,218	109,554	134,243	143,176	109,526
Custom Receipts	54,415	50,559	46,294	54,939	69,243	70,528	65,064	65,708	67,269	71,136	68,291
Farm Land Rent	16,786	17,371	18,061	18,191	16,447	15,364	11,227	9,648	13,318	13,818	11,501
Dividends and Interest	55,115	45,136	27,877	33,818	28,764	30,453	25,927	34,198	53,656	58,222	29,734
2) CASH USES	2,192,690	2,316,178	2,462,897	2,585,107	2,680,008	2,684,880	2,680,557	2,675,549	2,883,605	2,841,187	2,888,564
Cash Expenses on Inputs	1,476,120	1,588,673	1,750,061	1,812,812	1,922,936	1,900,013	1,901,689	1,889,933	2,077,849	2,051,247	2,170,079
Business Taxes	102,353	112,210	111,833	126,145	125,261	125,691	137,526	138,036	141,447	144,487	149,474
Interest	448,706	440,300	423,121	455,171	441,981	466,128	465,427	474,171	471,972	465,322	387,233
Cash Wages to Hired Labour	68,145	74,233	73,121	85,461	84,804	83,932	86,099	85,059	92,011	91,725	95,140
Cash Rent to all Landlords	97,366	100,762	104,761	105,518	105,026	109,116	89,816	88,350	100,326	88,406	86,638
CASH INCOME (SOURCES - USES)	1,837,756	1,762,339	1,555,819	1,876,847	1,403,895	1,506,205	1,730,855	1,810,828	1,629,685	1,194,054	1,178,185
B. CASH FLOWS											
1) CASH INCOME	1,837,756	1,762,339	1,555,819	1,876,847	1,403,895	1,506,205	1,730,855	1,810,828	1,629,685	1,194,054	1,178,185
2) NET CHG. IN LOANS OUTSTNG	280,763	457,283	569,251	(30,093)	392,278	1,025,512	(33,527)	(565,907)	(317,199)	205,397	(115,357)
Change in Current Liabilities	75,842	80,148	95,200	43,182	69,161	155,062	7,731	(80,533)	(74,597)	33,972	(13,604)
Change in Long Term Liabilities	204,921	377,135	474,051	(73,275)	323,117	870,450	(41,258)	(485,374)	(242,602)	171,425	(101,753)
CASH FOR INVESTMENT OR WITHDRAWAL	2,118,519	2,219,622	2,125,070	1,846,754	1,796,173	2,531,717	1,697,328	1,244,921	1,312,486	1,399,451	1,062,828
3) NET CAPITAL PURCHASES	..	..	1,211,983	..	..	..	443,520	..	658,320	..	..
Real Estate			322,215				140,556		117,123		
Non-Real Estate			889,768				302,964		541,197		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	913,087	..	..	..	1,253,808	..	654,166	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	3.459	3.460	3.865	1.670	2.581	5.775	0.288	-3.010	-2.587	1.196	-0.471
Net Change in Long Term Liabilities to Cash Uses	9.346	16.283	19.248	-2.835	12.057	32.420	-1.539	-18.141	-8.413	6.034	-3.523
Net Change in Loans Outstanding to Capital Purchases			33.895				-5.033		-33.784		
Loans Outstanding to Cash Income	158,845	191,590	253,610	208,628	306,853	354,096	306,200	261,426	271,020	387,099	382,522

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

ALBERTA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	3,940,776	3,920,699	3,879,772	4,117,604	4,004,978	4,071,171	4,231,904	4,625,049	4,749,091	4,459,402	4,402,922
Sales of Primary Production	3,678,442	3,480,378	3,542,379	3,588,403	3,289,461	3,030,381	3,148,996	3,597,768	3,908,300	3,859,800	3,713,510
Sales of Secondary Production	2,547	2,567	2,774	2,797	2,091	2,308	2,331	2,363	2,461	2,448	2,391
Government Payments	99,163	261,238	140,896	331,643	475,657	661,085	805,522	748,287	560,032	318,119	439,040
Government Rebates	17,454	28,646	62,872	56,123	83,639	198,853	115,578	87,045	83,650	74,488	68,948
Other Cash Income	143,170	147,870	130,851	138,638	154,130	178,544	159,477	189,586	194,648	204,547	179,033
Custom Receipts	77,846	92,365	86,835	85,051	109,451	133,370	122,411	144,043	129,671	135,895	135,895
Farm Land Rent	17,540	18,013	21,802	26,244	21,134	19,980	15,417	15,670	16,427	15,971	16,234
Dividends and Interest	47,784	37,492	22,214	27,343	23,545	25,194	21,649	29,873	48,550	52,681	26,904
2) CASH USES	2,583,965	2,658,461	2,663,694	2,901,236	2,938,429	2,895,023	2,824,156	2,946,403	3,157,348	3,234,056	3,291,493
Cash Expenses on Inputs	1,776,259	1,833,765	1,902,720	2,082,444	2,139,262	2,119,633	2,064,798	2,175,496	2,354,824	2,406,504	2,419,328
Business Taxes	56,118	65,646	62,915	65,623	66,630	68,774	68,985	71,811	76,441	81,116	87,297
Interest	557,713	532,412	447,994	475,713	451,453	436,890	434,871	436,462	456,741	470,381	502,161
Cash Wages to Hired Labour	113,600	144,197	150,285	157,344	177,080	163,451	166,231	163,081	161,231	167,036	175,868
Cash Rent to all Landlords	80,275	82,441	99,780	120,112	104,004	106,275	89,271	99,553	108,111	109,019	106,839
CASH INCOME (SOURCES - USES)	1,356,810	1,262,238	1,216,078	1,216,368	1,066,549	1,176,149	1,407,748	1,678,646	1,591,743	1,225,346	1,111,429
B. CASH FLOWS											
1) CASH INCOME	1,356,810	1,262,238	1,216,078	1,216,368	1,066,549	1,176,149	1,407,748	1,678,646	1,591,743	1,225,346	1,111,429
2) NET CHG. IN LOANS OUTSTNG	462,288	465,314	462,513	15,377	179,891	197,523	(11,801)	42,219	254,007	325,229	240,993
Change in Current Liabilities	101,876	59,495	42,658	(12,773)	(7,516)	(12,754)	(46,381)	32,311	51,461	59,052	43,685
Change in Long Term Liabilities	360,412	405,819	419,855	28,150	187,407	210,277	34,580	9,908	202,546	266,177	197,308
CASH FOR INVESTMENT OR WITHDRAWAL	1,819,098	1,727,552	1,678,591	1,231,745	1,246,440	1,373,672	1,395,947	1,720,865	1,845,750	1,550,575	1,352,422
3) NET CAPITAL PURCHASES	..	..	1,066,083	..	..	..	732,358	..	1,056,737	..	..
Real Estate			172,326				93,505		232,457		
Non-Real Estate			893,757				638,853		824,280		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	612,508	..	..	..	663,589	..	789,013	..	..
C. RATIOS											
	%										
Net Change in Current Liabilities to Cash Uses	3.943	2.238	1.602	-0.440	-0.256	-0.441	-1.642	1.097	1.630	1.826	1.327
Net Change in Long Term Liabilities to Cash Uses	13.948	15.265	15.762	0.970	6.378	7.263	1.224	0.336	6.415	8.230	5.995
Net Change in Loans Outstanding to Capital Purchases			31.424				-1.215		18.217		
Loans Outstanding to Cash Income	260.050	316.399	366.442	367.618	436.124	412.278	343.613	290.676	322.504	445.479	512.822

FARM BUSINESS CASH FLOW SUMMARY (EXPERIMENTAL)

BRITISH COLUMBIA	'000 OF DOLLARS										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
A. CASH TRANSACTIONS											
1) CASH SOURCES	901,301	983,965	934,871	1,024,880	1,061,058	1,100,368	1,124,860	1,175,896	1,206,580	1,248,653	1,262,886
Sales of Primary Production	803,980	850,709	827,944	897,885	934,677	966,296	1,019,242	1,042,919	1,077,503	1,131,501	1,150,891
Sales of Secondary Production	14,963	15,077	16,302	16,426	13,461	14,854	15,000	15,212	15,843	15,752	15,381
Government Payments	55,316	92,604	67,471	78,695	80,223	84,663	52,492	82,717	75,914	63,635	62,661
Government Rebates	12,912	8,596	7,298	11,424	5,963	8,028	6,692	3,019	2,212	816	400
Other Cash Income	14,130	16,979	15,856	20,450	26,734	26,527	31,434	32,029	35,108	36,949	33,553
Custom Receipts	4,249	8,512	10,268	14,421	21,855	21,708	27,417	26,945	27,621	28,947	28,971
Farm Land Rent	559	619	619	601	701	800	898	969	1,031	996	1,004
Dividends and Interest	9,322	7,848	4,969	5,428	4,178	4,019	3,119	4,115	6,456	7,006	3,578
2) CASH USES	745,117	810,295	764,031	821,802	821,086	807,791	783,417	833,718	891,843	898,920	888,042
Cash Expenses on Inputs	423,730	488,093	496,742	542,159	540,600	525,855	504,149	542,648	579,109	576,962	585,748
Business Taxes	12,766	13,525	11,905	10,540	10,184	11,025	11,007	12,448	13,450	14,463	14,608
Interest	202,008	185,416	126,912	129,524	120,830	119,209	109,010	111,109	124,673	129,951	111,905
Cash Wages to Hired Labour	89,765	104,605	109,842	121,484	130,377	131,750	138,665	146,904	152,061	155,121	153,806
Cash Rent to all Landlords	16,848	18,656	18,630	18,095	19,095	19,952	20,586	20,609	22,550	22,423	21,975
CASH INCOME (SOURCES - USES)	156,184	173,670	170,840	203,078	239,971	292,577	341,443	342,178	314,737	349,733	374,844
B. CASH FLOWS											
1) CASH INCOME	156,184	173,670	170,840	203,078	239,971	292,577	341,443	342,178	314,737	349,733	374,844
2) NET CHG. IN LOANS OUTSTNG	(110,551)	76,461	(83,926)	(122,676)	36,119	19,282	39,539	(61,696)	(701)	19,687	(27,137)
Change in Current Liabilities	12,795	12,029	(16,937)	(3,751)	(3,413)	(10,867)	(3,291)	(10,533)	(782)	4,967	(3,595)
Change in Long Term Liabilities	(123,346)	64,432	(66,989)	(118,925)	39,532	30,149	42,830	(51,163)	81	14,720	(23,542)
CASH FOR INVESTMENT OR WITHDRAWAL	45,633	250,131	86,914	80,402	276,090	311,859	380,982	280,482	314,036	369,420	347,707
3) NET CAPITAL PURCHASES	..	..	117,130	..	..	..	178,081	..	97,563	..	..
Real Estate			(12,807)				21,491		(21,351)		
Non-Real Estate			129,937				156,590		118,914		
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	..	(30,216)	..	..	..	202,901	..	216,473	..	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	1.717	1.485	-2.217	-0.456	-0.416	-1.345	-0.420	-1.263	-0.088	0.553	-0.405
Net Change in Long Term Liabilities to Cash Uses	-16.554	7.952	-8.768	-14.471	4.815	3.732	5.467	-6.137	0.009	1.638	-2.651
Net Change in Loans Outstanding to Capital Purchases			-37.032				18.716		-0.352		
Loans Outstanding to Cash Income	544.723	533.906	493.623	354.854	315.350	265.241	238.860	220.317	239.303	220.986	198.943



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Farm Business Cash Flow Summary, June 1993 - Experimental

Enclosed is the experimental Farm Business Cash Flow Summary. The data are presented by province from 1982 to date, together with graphs, notes on the concepts and methods, and data highlights.

Information on the Cash Flows, in addition to the enclosed concepts, can be found in the Beelen (1983) thesis entitled "An Alternative System of Financial Accounting for the Canadian Agricultural Production Sector".

As revealed in the methods, the Cash Flows are the third of an integrated set of accounts of which the Agriculture Production Account and the Canadian Farm Balance Sheet have already been officially released. The notes on the methods used for both of these series should be read in conjunction with those written specifically for the Cash Flow account.

If you would like further information or if you have any suggestions on how these estimates might be improved, please contact David Aldridge (613-951-3166) or Marcelle Dion (613-951-3172). Thank you.

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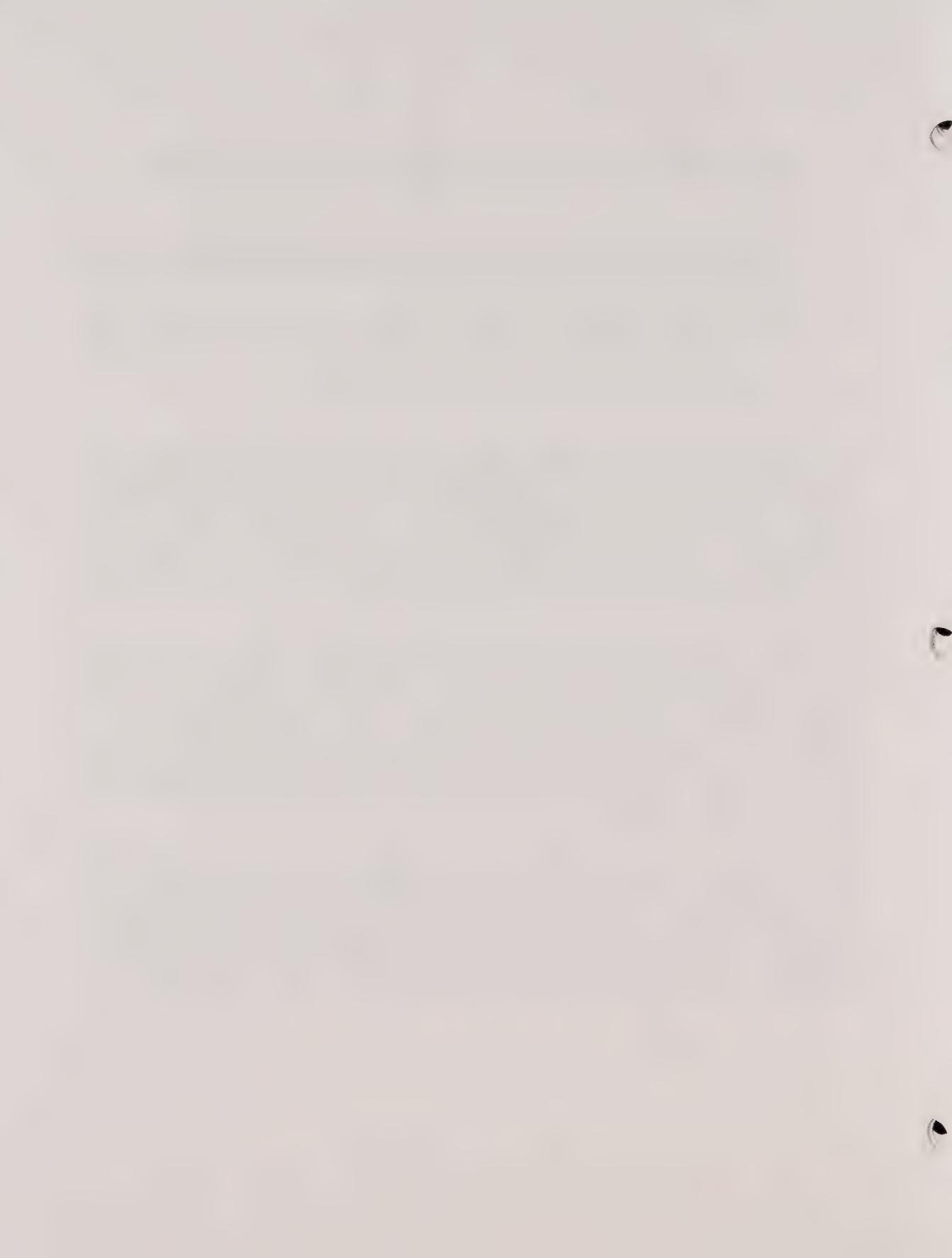
Farm Business Cash Flows (Experimental) Highlights 1992

- The amount of cash available to farm businesses for investments or withdrawals increased 16.6% to \$7.5 billion in 1992.
- Cash Income increased 22.5% to \$7.8 billion, surpassed only by the 1988 record level of \$7.9 billion.
- Loans Outstanding fell 1.2% to \$23.8 billion.

The increase of 16.6% in cash for investment or withdrawal, was due to a jump of 22.5% in cash income, partially offset by a decrease in loans outstanding. Cash for investment and withdrawal increased in all provinces except Newfoundland, Prince Edward Island and Nova Scotia. The greatest increases were in Manitoba and British Columbia at 43% and 38% respectively. Manitoba's increase was mainly due to government payments increasing \$155 million, while in British Columbia a \$70 million increase in sales of primary production was the main cause for the jump.

The cash income increase of \$1.5 billion was due to the increase in government payments. Direct government payments rose sharply from \$2.3 billion in 1991 to a record \$3.8 billion in 1992. Payments under the new safety net programs and strong increases in both other (ad hoc) and tripartite payments were mainly responsible. Cash Income in 1992 increased in all provinces except Prince Edward Island, where it fell 27% to \$58 million. The increases ranged from less than 1% in Quebec to 55% in Alberta where government payments were a record \$869 million and sales of primary production increased \$251 million.

Net change in loans outstanding fell \$360 million from the previous year, reducing the amount of debt outstanding, in spite of falling interest rates. This drop can be attributed to declines in farm debt outstanding to chartered banks, federal and provincial government agencies. The ratio of loans outstanding to cash income, expressed as a percentage, was 263%, indicating an decrease from 1991 in the use of debt to sustain cash for investment or withdrawal, a level last witnessed in 1989.



FARM BUSINESS CASH FLOW STATEMENTSConcepts

The cash flow accounts which are presented here on an experimental basis are part of an integrated set of accounts for agriculture. They are third in a series which includes the production accounts and the balance sheets. Both of these accounts provide data for the cash flows; therefore, the concepts and methods from those series should also be reviewed in conjunction with the following information.

The cash flow accounts are summaries of cash flows in and out of farm businesses over a calendar year. The basic function of the accounts is to provide information on the financial position of farm establishments (i.e. the amount of cash available to farm establishments to meet current obligations). Specifically, only cash flows pertaining to farm operators are included. Therefore, cash income and expenses of non-operator landlords and the personal portion of households are excluded.

In theory, the establishment concept is used as a basis for the cash flows. An establishment is defined as the smallest operating entity which produces a homogeneous set of goods and services for which records provide data on value of outputs and cost of inputs. However, in practice this theory is not strictly adhered to as seen in the following methods. Future development will be required to better align the cash flow accounts with the establishment concept.

The agriculture sector consists of all establishments where the principal economic activity (greater than 50% of sales) is the production of agricultural products or services. The production of the agricultural sector is all the production activities of all establishments whose principal production activity is agricultural. Note that for the cash flow accounts, the sector includes only the farm business.

The format of the accounts is:

- A) Cash transactions from agricultural production, which account for internal (i.e. production activities of the farm business) sources and uses of funds.
- B) Cash flows from non-production activities consisting of changes in levels of farm loans outstanding and net capital expenditures.
- C) Ratios which indicate how internal and external sources of cash affect current and future farm operations.

Note: It is important to keep in mind that all measures in the accounts are strictly cash exchanges.

A. Cash Transactions

1) There are five main components for cash sources:

- Sales of primary production
- Sales of secondary production
- Government payments
- Government rebates
- Other cash income

Sales of primary production consist of principal production activities of farm businesses and include

crop and livestock receipts. Under the establishment concept, secondary production is also recorded and thus recreational services and farm woodlot sales can be added as sources of cash.

Government payments and government rebates are included as cash sources because they are directly associated with farm production. Cash income that is a result of activities not directly related to agricultural production is included as other cash income. Included in this category are: custom work receipts, income from the rental of land and buildings, and interest income, and dividends that apply only to agricultural production. The latter consists of farm cooperative dividends and interest that applies only to the farm business. All personal savings of operators and households are excluded.

2) Cash uses include the following:

- Cash expenses on inputs
- Business taxes
- Interest
- Cash wages to hired labour
- Cash rent to all landlords

The above items consist of payments and services necessary for the production of agricultural goods and services. These expenses are meant to capture all cash that leaves the agriculture sector. For example, cash paid to non-operator landlords and hired labour (non-family) is deducted from cash income because it is no longer available to the farm business.

B. Cash Flows

1) Change in loans outstanding is an additional source of cash that is external to the production activities of the farm business. An increase in the total value of loans is a positive source of cash income and a decrease is identified as a negative source of cash income. The purpose of displaying both current and long-term debt is to identify the relationship between short-term borrowing and cash income. For example, it could be argued that short-term borrowing is affected to a large degree by fluctuations in cash income. In contrast, long-term loans are less likely to be influenced by year-to-year changes in cash income because they are a long-term investment.

Cash income (sources minus uses), plus the net change in loans outstanding is the amount of cash available to farm businesses for capital and/or financial investments or withdrawal. It should be stressed that while total net income and gross value added are measures of economic production, cash for investment or withdrawal is strictly a cash measure. Thus for example, changes in values of inventories and income-in-kind are not included in the cash flow accounts.

2) Net capital purchases represents the flow of cash from real estate and non-real estate purchases and sales associated with the farm business. Personal investments (e.g. household purchases) are excluded. When a farm business is sold, the income received by the retiring operator is not included as cash income.

Cash flow available for financial investment or withdrawals is the amount that is available for proprietors and shareholders to meet current obligations. This figure indicates how much cash is available to the farm business after all farm transactions and capital investments have taken place.

C. Ratios

A total of four ratios are included in the cash flow accounts as described below:

The ratios of current and long-term liabilities to cash uses from production indicates the amount of debt that is used to finance cash uses. If the ratio is high and positive, the farm business is accumulating more debt while paying for farm inputs.

The net change in loans outstanding to capital purchases reflects the importance of external financing for capital investments.

Loans outstanding to cash income simply indicates the burden of farm debt on farm cash income. Comparing this ratio between years illustrates whether or not farm businesses are spending more (or less) of their cash income to reduce their debt outstanding.

Methods

A) CASH TRANSACTIONS

1) CASH SOURCES (Sum of a to e)

a) Sales of primary production.

Sales of primary production are calculated in the production accounts and include total crop and livestock receipts. The data are based on estimates of cash receipts for net income purposes and adjusted to exclude share income to non-operators. The method used to allocate share income to operators and non-operators is the same which is used to distribute total rent between operators and non-operators in the production accounts.

b) Sales of secondary production.

Data include sales of forest products and are based on estimates for net income purposes.

c) Government payments.

Government payments are based on estimates for farm cash receipts.

d) Government rebates.

Government rebates are based on estimates of rebates reducing expenses for net income purposes.

e) Other cash income includes custom receipts, farm land rents, and dividends and interest.

Survey-based National Farm Survey (NFS) was used to measure custom work receipts prior to 1991, Taxfiler (TAX) estimates are presently used for this measure.

Farm land rent represents total rental income to operator landlords for the rental of agricultural land and buildings. It is based on expense estimates for cash and share rent purposes and adjusted to

exclude non-operators using survey data related to the quantity of farmland rented to others. The survey data is obtained periodically from the Farm Credit Corporation survey. For the cash flow accounts, share rent is excluded from the total rent figure since the account is designed to measure only cash transactions. The adjustment that separates non-operator landlords from operators in the production accounts is similarly used for cash flows.

Dividends and interest relate to farm income only. Thus, interest earned on personal savings accounts are excluded. Estimates are derived using Bank of Canada Reviews and use deposit rates for non-verifiable savings deposits. These rates are multiplied by the value of cash, bonds, and savings which are published in the balance sheets. Non-operator landlords and the personal portion of farm households are excluded (Balance Sheet-Set #4).

2) CASH USES (Sum of a to e)

a) Cash expenses on inputs include: building and fence repairs; electricity, telephone, and heating fuel; machinery fuel and repairs; fertilizer, lime, and pesticides; commercial seed; irrigation; twine, wire, and containers; crop and hail insurance; commercial feed; livestock purchases; artificial insemination and veterinary; business insurance; stabilization premiums and other; and total custom work expenses.

With the exception of the custom work expense, all of these items are based on estimates for farm net income. The custom work expense is based on TAX estimates.

b) Business Taxes.

Business taxes currently include only property taxes and are based on estimates for net income purposes.

c) Interest.

Interest data are based on estimates for net income purposes.

d) Cash Wages to Hired Labour.

Cash wages to hired labour include only wages and salaries paid to non-family members. It is derived by subtracting family wages from total wages (which are based on estimates for net income purposes). The estimate does not include room and board.

The method used to derive family wages is identical to that which can be found in the production account series.

e) Cash Rent to all Landlords.

Cash rent to all landlords is based on cash rent estimates for net income purposes.

B) CASH FLOWS

1) Cash Income = Sources minus uses.

2) Net Change in Loans Outstanding.

Loans outstanding are based on estimates used in Balance Sheets - Set #4 (excludes non-operators and personal portions of farm households). Debt

outstanding for the current year is subtracted from the previous year's debt outstanding figure.

Cash for Investment or Withdrawal.

Cash for investment or withdrawal is derived by adding the net change in loans outstanding to cash income.

3) Net Capital Purchases.

Net Capital Purchases are:

- a) real estate purchases/sales.
- b) non-real estate purchases/sales.

a) Figures for real estate purchases and sales are obtained from periodic Farm Credit Corporation surveys.

b) Non-real estate purchases include land improvements, housing construction (15% of this value is assumed to relate to the farm business), other construction, and farm machinery (includes cars, trucks, combines, tractors, and irrigation equipment). Note that farm machinery purchases includes both new and used machinery. Capital sales include machinery, and quota. Currently, breeding & replacement livestock are not accounted for in cash flows. In the future, both purchases and sales of livestock could be collected and be included.

Cash for financial investment or withdrawal.

Cash for financial investments or withdrawal is calculated by subtracting net capital purchases from cash for investment or withdrawal.

C) RATIOS

Net Change in Current Liabilities to Cash Uses.

- This ratio is calculated as the net change in loans outstanding (current liabilities) divided by cash uses.

Net Change in Long-Term Liabilities to Cash Uses.

- The net change in loans outstanding (long term liabilities) is divided by cash uses.

Net Change in Loans Outstanding to Capital Purchases.

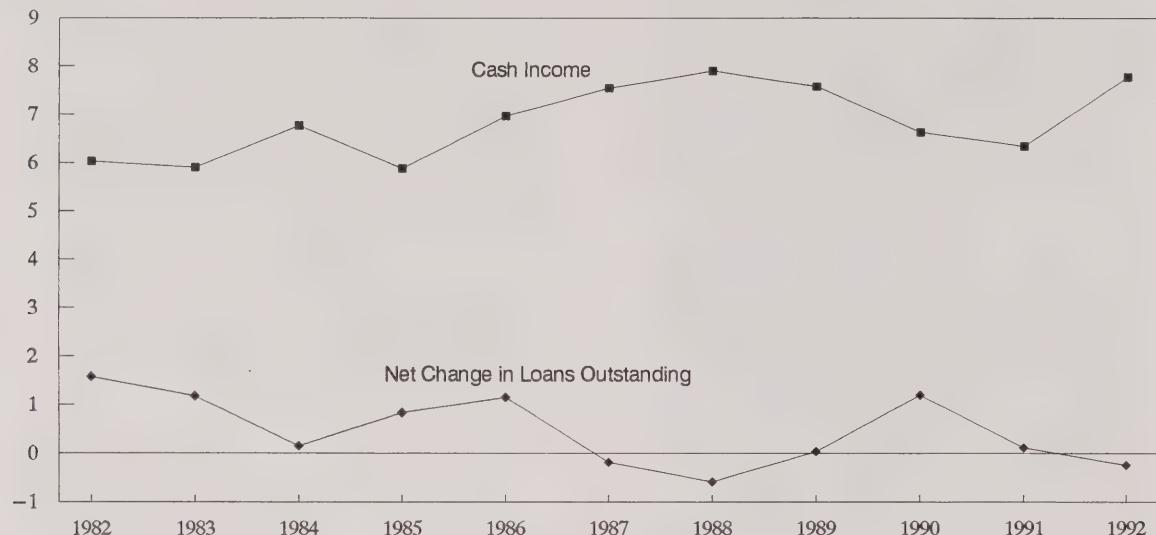
- The ratio is derived by dividing the net change in loans outstanding by total capital purchases.

Loans Outstanding to Cash Income.

- The total figure for loans outstanding is divided by cash income.

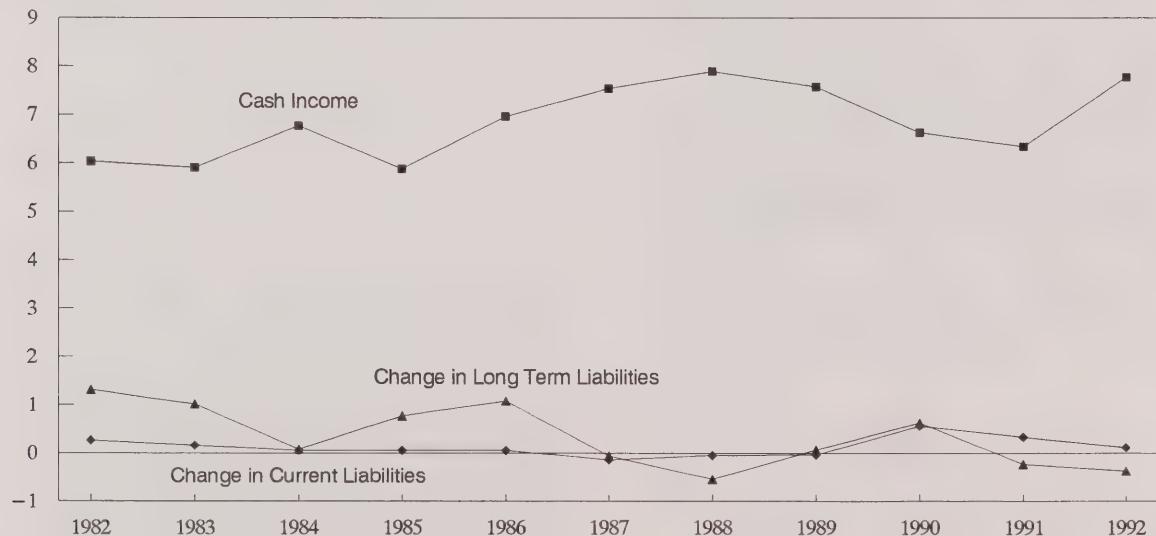
Net Change in Loans Outstanding versus Cash Income Canada

\$ billions



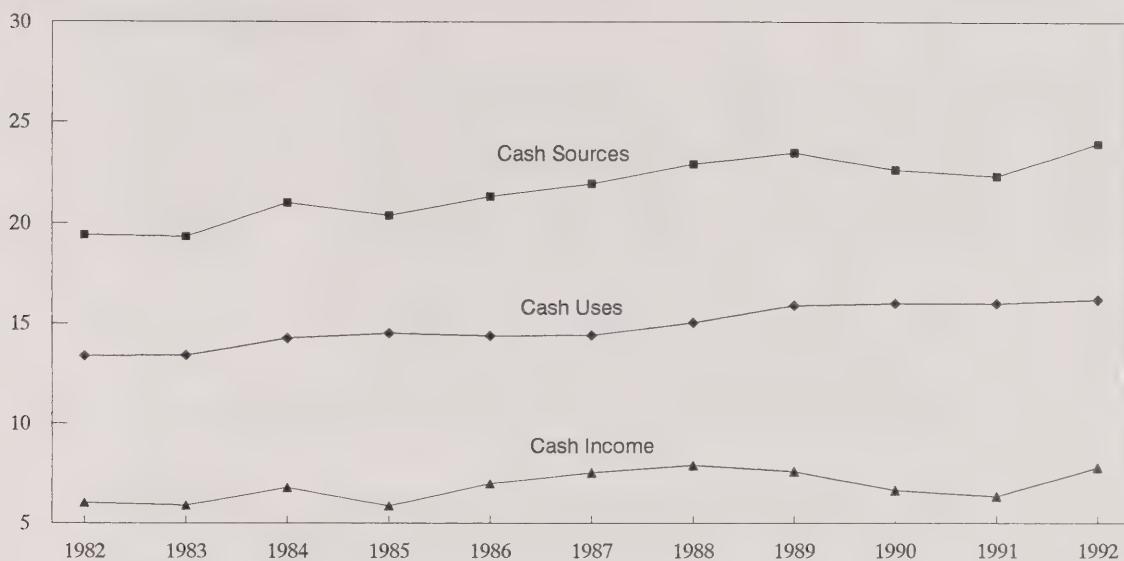
Change in Current and Long Term Liabilities versus Cash Income Canada

\$ billions



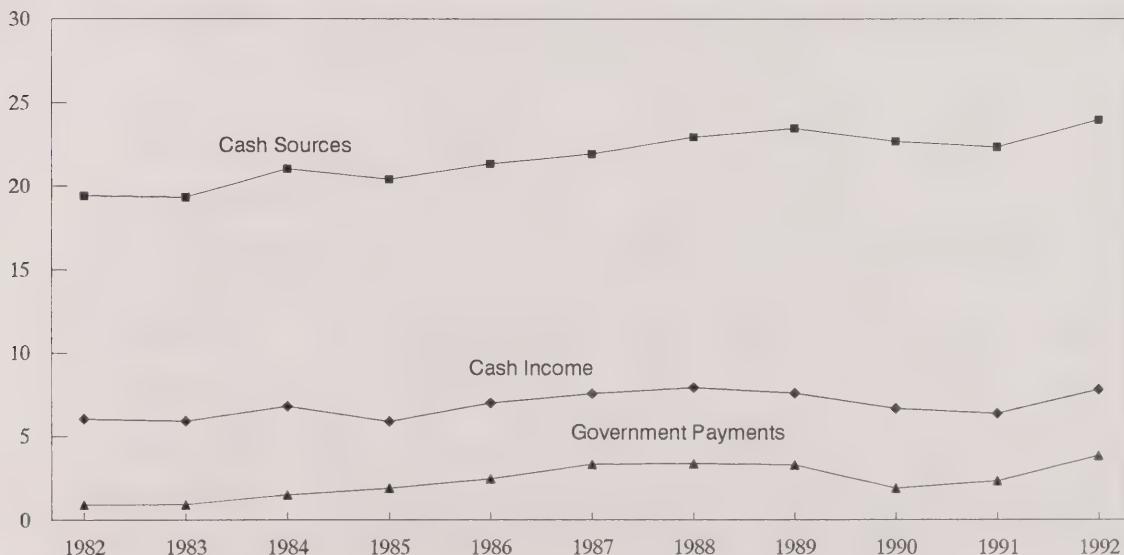
Cash Sources, Cash Uses and Cash Income Canada

\$ billions



Cash Sources and Cash Income versus Government Payments Canada

\$ billions





FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

CANADA	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	19,424,067	19,319,106	21,026,194	20,389,757	21,330,296	21,949,882	22,935,510	23,479,888	22,654,107	22,340,718	23,968,432
Sales of Primary Production	17,643,694	17,591,907	18,619,079	17,486,100	17,663,934	17,466,485	18,376,760	18,946,022	19,392,994	18,780,149	19,085,293
Sales of Secondary Production	65,633	70,968	71,511	73,726	81,356	82,160	83,318	86,774	86,172	84,138	93,064
Government Payments	919,577	924,298	1,483,224	1,889,740	2,454,320	3,310,073	3,362,051	3,274,615	1,901,442	2,337,017	3,830,732
Government Rebates	263,867	273,503	306,115	357,217	517,491	508,191	451,628	403,556	447,227	449,858	342,155
Other Cash Income	511,296	458,430	546,265	582,974	613,195	580,973	661,753	768,921	826,272	688,556	617,188
Custom Receipts	295,262	294,318	356,513	417,200	441,518	435,133	472,749	478,195	503,340	502,825	499,680
Farm Land Rent	58,159	64,660	69,355	63,554	63,621	53,970	54,085	61,540	64,898	50,183	46,807
Dividends and interest	157,875	99,452	120,397	102,220	108,056	91,870	134,919	229,186	258,034	136,548	70,701
2) CASH USES	13,392,209	13,410,367	14,252,761	14,509,851	14,366,733	14,407,244	15,038,331	15,903,129	16,018,060	15,996,026	16,194,825
Cash Expenses on Inputs	9,274,840	9,630,988	10,266,089	10,530,375	10,390,481	10,453,264	10,948,825	11,579,770	11,573,999	11,713,973	12,032,474
Business Taxes	387,945	379,387	401,941	409,611	425,541	448,554	464,517	487,791	507,735	545,947	569,238
Interest	2,402,617	1,997,547	2,098,869	2,002,039	2,005,626	1,962,621	2,029,666	2,175,701	2,258,477	2,056,502	1,838,523
Cash Wages to Hired Labour	928,866	965,325	1,029,041	1,128,247	1,089,887	1,134,006	1,174,448	1,207,087	1,224,325	1,266,544	1,294,811
Cash Rent to all Landlords	397,941	437,120	456,821	439,579	455,198	406,799	420,875	452,780	453,524	413,060	459,779
CASH INCOME (SOURCES - USES)	6,031,858	5,908,739	6,773,432	5,879,906	6,963,583	7,542,638	7,897,179	7,576,759	6,636,047	6,344,692	7,773,607
B. CASH FLOWS											
1) CASH INCOME	6,031,858	5,908,739	6,773,432	5,879,906	6,963,583	7,542,638	7,897,179	7,576,759	6,636,047	6,344,692	7,773,607
2) NET CHG. IN LOANS OUTSTNG	1,579,930	1,177,636	147,743	827,591	1,143,301	(189,078)	(585,904)	29,770	1,193,994	115,817	(243,881)
Change in Current Liabilities	269,476	163,223	61,824	60,690	62,173	(133,379)	(42,568)	(32,619)	566,026	339,046	119,707
Change in Long Term Liabilities	1,310,454	1,014,413	85,919	766,901	1,081,128	(55,699)	(543,335)	62,389	627,968	(223,229)	(363,588)
CASH FOR INVESTMENT OR WITHDRAWAL	7,611,788	7,086,375	6,921,175	6,707,497	8,106,864	7,353,560	7,311,275	7,606,529	7,830,041	6,460,509	7,529,726
3) NET CAPITAL PURCHASES	..	4,018,021	..	..	..	3,143,705	..	3,551,926	..	4,189,334	..
Real Estate		596,014				373,517		390,307		880,360	
Non-Real Estate		3,422,007				2,770,188		3,161,619		3,308,974	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	3,068,354	..	..	..	4,209,855	..	4,054,603	..	2,271,175	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	2.012	1.217	0.434	0.418	0.433	-0.926	-0.283	-0.205	3.534	2.120	0.739
Net Change in Long Term Liabilities to Cash Uses	9.785	7.564	0.603	5.285	7.525	-0.387	-3.613	0.392	3.920	-1.396	-2.245
Net Change in Loans Outstanding to Capital Purchases		16.073				-4.143		0.572		2.544	
Loans Outstanding to Cash Income	279,341	305,092	268,325	323,176	289,302	264,584	245,287	256,053	310,343	326,420	263,281

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

NEWFOUNDLAND	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	33,572	34,920	41,521	43,165	44,718	47,196	54,820	58,567	59,909	61,034	62,543
Sales of Primary Production	33,257	34,670	41,068	42,916	43,527	45,141	52,280	55,379	57,099	58,002	58,104
Sales of Secondary Production	94	101	101	117	129	129	132	138	136	136	148
Government Payments	52	42	230	24	788	1,664	2,126	2,674	2,271	2,605	4,075
Government Rebates	17	13	10	13	15	24	32	35	23	18	0
Other Cash Income	152	94	112	95	259	238	248	341	380	273	216
Custom Receipts	0	0	0	0	160	151	122	131	137	137	139
Farm Land Rent	7	8	8	7	7	9	9	9	10	10	11
Dividends and Interest	145	86	104	88	92	78	117	201	233	126	66
2) CASH USES	27,034	27,561	30,970	33,518	35,333	36,321	39,993	40,743	43,064	42,764	41,549
Cash Expenses on Inputs	21,709	22,024	24,642	26,981	28,259	28,509	31,322	31,842	33,151	32,947	31,928
Business Taxes	30	32	36	46	63	73	76	80	84	89	91
Interest	1,616	1,777	1,971	1,737	2,095	2,173	2,448	2,809	3,030	3,017	2,678
Cash Wages to Hired Labour	3,480	3,522	4,118	4,590	4,766	5,396	5,987	5,849	6,636	6,550	6,691
Cash Rent to all Landlords	199	206	203	164	150	170	160	163	163	161	161
CASH INCOME (SOURCES – USES)	6,538	7,359	10,550	9,647	9,385	10,875	14,827	17,824	16,845	18,270	20,994
B. CASH FLOWS											
1) CASH INCOME	6,538	7,359	10,550	9,647	9,385	10,875	14,827	17,824	16,845	18,270	20,994
2) NET CHG. IN LOANS OUTSTNG	1,315	3,373	2,075	459	563	1,833	4,389	3,197	2,584	1,973	(1,185)
Change in Current Liabilities	348	772	676	352	403	791	557	46	789	654	(165)
Change in Long Term Liabilities	967	2,601	1,399	107	160	1,042	3,832	3,151	1,795	1,319	(1,020)
CASH FOR INVESTMENT OR WITHDRAWAL	7,853	10,732	12,625	10,106	9,948	12,708	19,216	21,021	19,429	20,243	19,809
3) NET CAPITAL PURCHASES	..	4,794	..	..	..	7,330	..	6,497	..	9,006	..
Real Estate		45				68		77		629	
Non-Real Estate		4,750				7,263		6,420		8,377	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	5,938	..	..	..	5,378	..	14,524	..	11,238	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	1.287	2.801	2.183	1.050	1.141	2.178	1.393	0.113	1.832	1.529	-0.397
Net Change in Long Term Liabilities to Cash Uses	3.577	9.437	4.517	0.319	0.453	2.869	9.582	7.734	4.168	3.084	-2.455
Net Change in Loans Outstanding to Capital Purchases		68.333				24.258		47.293		20.102	
Loans Outstanding to Cash Income	229.606	249.812	193.916	216.832	228.887	214.380	186.845	173.366	198.782	194.068	163.246

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

PRINCE EDWARD ISLAND	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	165,310	176,083	194,688	174,393	189,035	216,718	209,933	259,555	252,137	244,336	226,397
Sales of Primary Production	153,690	162,073	180,192	157,671	169,406	198,535	180,955	236,674	230,601	216,072	190,663
Sales of Secondary Production	367	395	401	438	485	491	498	522	514	501	555
Government Payments	7,623	9,483	10,077	12,528	15,025	12,837	22,345	16,178	14,408	22,680	30,781
Government Rebates	875	740	791	729	912	1,289	1,974	1,153	1,108	753	538
Other Cash Income	2,755	3,392	3,227	3,027	3,207	3,566	4,161	5,028	5,506	4,330	3,860
Custom Receipts	1,829	2,759	2,478	2,343	2,483	2,906	3,161	3,411	3,575	3,061	2,947
Farm Land Rent	131	138	145	168	175	191	261	304	366	398	452
Dividends and Interest	795	495	604	516	549	469	739	1,313	1,565	871	461
2) CASH USES	123,155	130,116	135,875	140,018	141,161	144,145	154,472	162,889	163,436	165,100	168,594
Cash Expenses on Inputs	88,782	93,959	97,859	101,802	102,402	105,284	111,960	118,409	115,538	117,416	121,057
Business Taxes	1,236	1,187	1,209	1,311	1,314	1,398	1,456	1,574	1,571	1,697	1,714
Interest	15,309	14,081	14,487	14,523	14,685	13,957	15,452	17,225	17,932	17,181	15,947
Cash Wages to Hired Labour	14,357	17,229	18,464	18,351	18,961	19,710	20,809	20,323	22,209	22,682	23,505
Cash Rent to all Landlords	3,471	3,660	3,856	4,031	3,799	3,796	4,795	5,358	6,186	6,124	6,371
CASH INCOME (SOURCES – USES)	42,155	45,967	58,813	34,375	47,874	72,573	55,461	96,666	88,701	79,236	57,803
B. CASH FLOWS											
1) CASH INCOME	42,155	45,967	58,813	34,375	47,874	72,573	55,461	96,666	88,701	79,236	57,803
2) NET CHG. IN LOANS OUTSTNG	16,910	15,756	2,225	10,095	3,821	(5,240)	4,841	(4,569)	12,933	10,826	13,502
Change in Current Liabilities	4,240	4,067	2,606	4,068	2,806	579	(1,398)	(4,461)	4,192	3,685	3,626
Change in Long Term Liabilities	12,670	11,689	(381)	6,027	1,015	(5,819)	6,239	(108)	8,741	7,141	9,876
CASH FOR INVESTMENT OR WITHDRAWAL	59,065	61,723	61,038	44,470	51,695	67,333	60,302	92,097	101,634	90,062	71,305
3) NET CAPITAL PURCHASES	..	33,444	..	..	..	55,001	..	48,869	..	55,913	..
Real Estate		3,822				6,737		5,520		14,141	
Non-Real Estate		29,622				48,264		43,349		41,772	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	28,279	..	..	..	12,332	..	43,228	..	34,149	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	3.443	3.126	1.918	2.905	1.988	0.402	-0.905	-2.739	2.565	2.232	2.151
Net Change in Long Term Liabilities to Cash Uses	10.288	8.984	-0.280	4.304	0.719	-4.037	4.039	-0.066	5.348	4.325	5.858
Net Change in Loans Outstanding to Capital Purchases		39,489				-8.175		-7.384		18,823	
Loans Outstanding to Cash Income	272,397	284,084	225,819	415,725	306,481	194,956	263,836	146,647	174,396	208,891	309,704

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

NOVA SCOTIA	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	238,001	242,260	264,657	264,362	279,534	305,427	321,895	325,276	331,472	321,602	320,254
Sales of Primary Production	221,779	224,830	241,907	242,006	258,586	283,163	293,639	290,348	301,434	298,067	291,149
Sales of Secondary Production	4,773	5,162	5,201	5,526	6,099	6,159	6,247	6,505	6,460	6,308	6,978
Government Payments	5,621	5,977	10,478	9,001	6,319	7,318	11,715	17,616	12,957	8,582	14,386
Government Rebates	2,856	2,812	2,816	2,853	2,816	2,908	3,098	2,944	2,115	1,004	565
Other Cash Income	2,972	3,479	4,255	4,976	5,714	5,879	7,196	7,863	8,506	7,641	7,176
Custom Receipts	1,837	2,749	3,374	4,200	4,888	5,151	6,130	6,096	6,543	6,543	6,533
Farm Land Rent	65	69	72	83	87	95	111	116	126	137	150
Dividends and Interest	1,070	661	809	693	739	633	955	1,651	1,837	961	493
2) CASH USES	181,436	188,844	199,492	194,778	191,889	196,431	209,714	217,809	211,464	206,489	202,221
Cash Expenses on Inputs	136,583	141,697	147,080	142,694	139,407	142,493	150,995	157,164	148,877	144,851	140,889
Business Taxes	1,632	1,614	1,558	1,574	1,613	1,837	1,935	1,906	1,925	2,195	2,217
Interest	16,801	15,275	16,391	15,391	15,622	15,958	18,250	21,174	23,037	20,964	19,500
Cash Wages to Hired Labour	24,684	28,426	32,546	33,136	33,347	34,243	36,502	35,519	35,495	36,370	37,506
Cash Rent to all Landlords	1,736	1,832	1,917	1,983	1,900	1,900	2,032	2,046	2,130	2,109	2,109
CASH INCOME (SOURCES – USES)	56,565	53,416	65,165	69,585	87,645	108,996	112,181	107,467	120,008	115,113	118,033
B. CASH FLOWS											
1) CASH INCOME	56,565	53,416	65,165	69,585	87,645	108,996	112,181	107,467	120,008	115,113	118,033
2) NET CHG. IN LOANS OUTSTNG	13,377	8,145	9,987	1,678	(754)	6,755	12,455	7,265	19,319	8,777	(6,089)
Change in Current Liabilities	4,066	2,970	5,062	2,901	2,299	4,316	(814)	(3,146)	6,225	3,694	(812)
Change in Long Term Liabilities	9,311	5,175	4,925	(1,223)	(3,053)	2,439	13,269	10,411	13,094	5,083	(5,277)
CASH FOR INVESTMENT OR WITHDRAWAL	69,942	61,561	75,152	71,263	88,891	115,751	124,636	114,732	139,327	123,890	111,944
3) NET CAPITAL PURCHASES	..	35,322	..	..	..	55,440	..	49,904	..	47,322	..
Real Estate		2,250				4,229		2,949		5,596	
Non-Real Estate		33,073				51,211		46,955		41,726	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	26,238	..	..	..	60,311	..	64,828	..	76,568	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	2.241	1.573	2.537	1.489	1.198	2.197	-0.388	-1.444	2.944	1.789	-0.402
Net Change in Long Term Liabilities to Cash Uses	0.051	0.027	0.025	-0.006	-0.016	0.012	0.063	0.048	0.062	0.025	-0.026
Net Change in Loans Outstanding to Capital Purchases		18,358				9,765		10,642		17,285	
Loans Outstanding to Cash Income	291,432	323,864	280,796	265,373	209,829	174,924	181,061	195,763	191,404	207,167	196,883

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

NEW BRUNSWICK	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	192,708	202,668	219,919	219,891	228,048	247,501	258,632	278,912	284,838	257,869	267,440
Sales of Primary Production	180,910	186,791	203,103	198,921	211,083	226,043	233,327	254,241	264,067	233,608	226,004
Sales of Secondary Production	4,374	4,730	4,766	6,142	6,776	6,844	6,938	7,228	7,177	7,008	7,751
Government Payments	4,971	8,207	8,669	11,344	6,287	9,833	12,993	11,230	6,584	11,068	28,027
Government Rebates	184	144	163	293	420	335	578	688	615	503	276
Other Cash Income	2,269	2,796	3,218	3,191	3,482	4,446	4,796	5,525	6,395	5,682	5,382
Custom Receipts	1,455	2,257	2,568	2,616	2,864	3,897	4,016	4,249	4,910	4,812	4,860
Farm Land Rent	55	57	59	67	78	84	90	97	103	112	123
Dividends and Interest	759	482	591	508	542	465	680	1,179	1,382	758	399
2) CASH USES	155,967	153,089	160,914	167,620	164,605	171,532	177,684	186,686	184,220	178,001	180,027
Cash Expenses on Inputs	111,878	113,156	117,773	120,651	115,580	120,408	125,408	131,071	127,966	122,895	125,732
Business Taxes	1,836	1,861	1,960	2,030	2,336	2,598	2,697	2,381	2,253	2,140	2,183
Interest	20,244	15,038	16,544	17,634	18,462	18,770	18,935	19,694	19,780	18,755	17,247
Cash Wages to Hired Labour	20,544	21,515	23,070	25,694	26,571	28,090	28,973	31,829	32,461	32,482	33,132
Cash Rent to all Landlords	1,465	1,519	1,567	1,611	1,656	1,666	1,651	1,711	1,750	1,729	1,733
CASH INCOME (SOURCES - USES)	36,741	49,579	59,005	52,271	63,443	75,969	80,968	92,226	100,618	79,868	87,413
B. CASH FLOWS											
1) CASH INCOME	36,741	49,579	59,005	52,271	63,443	75,969	80,968	92,226	100,618	79,868	87,413
2) NET CHG. IN LOANS OUTSTNG	4,306	(7,876)	21,918	21,580	7,013	4,621	(282)	(18,169)	5,150	5,964	(200)
Change in Current Liabilities	2,171	(408)	7,199	7,495	4,345	3,838	(4,221)	(8,745)	2,656	2,696	593
Change in Long Term Liabilities	2,135	(7,468)	14,719	14,085	2,668	783	3,939	(9,424)	2,494	3,268	(793)
CASH FOR INVESTMENT OR WITHDRAWAL	41,047	41,703	80,923	73,851	70,456	80,590	80,686	74,057	105,768	85,832	87,213
3) NET CAPITAL PURCHASES	..	31,440	..	..	..	45,675	..	42,465	..	47,073	..
Real Estate		6,217				7,561		7,465		5,341	
Non-Real Estate		25,223				38,114		35,000		41,732	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	10,263	..	..	..	34,915	..	31,582	..	38,759	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	1.392	-0.267	4.474	4.471	2.640	2.238	-2.376	-4.684	1.442	1.500	0.300
Net Change in Long Term Liabilities to Cash Uses	1.369	-4.878	9.147	8.403	1.621	0.457	2.217	-5.048	1.354	1.800	-0.400
Net Change in Loans Outstanding to Capital Purchases		-21.710				8.945		-35.809		11.894	
Loans Outstanding to Cash Income	437.686	308.470	296.335	375.799	320.673	273.885	256.627	205.599	193.570	251.327	229.406

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

QUEBEC	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	3,020,840	2,845,140	3,199,140	3,238,394	3,395,693	3,395,085	3,672,059	3,907,748	4,015,126	3,948,374	3,937,137
Sales of Primary Production	2,620,931	2,450,841	2,717,618	2,731,979	2,870,991	2,919,610	3,029,799	3,146,449	3,285,280	3,153,182	3,096,257
Sales of Secondary Production	24,213	26,181	26,380	31,303	34,542	34,883	35,375	36,838	36,587	35,722	39,512
Government Payments	194,257	231,408	310,925	331,873	345,244	300,003	442,195	518,758	465,757	556,448	622,359
Government Rebates	136,085	95,543	93,056	89,535	91,621	85,103	93,552	119,306	135,304	123,536	107,893
Other Cash Income	45,354	41,167	51,161	53,704	53,295	55,486	71,138	86,397	92,198	78,486	71,116
Custom Receipts	28,861	29,178	37,405	41,791	40,600	44,017	53,840	56,797	62,128	63,992	62,539
Farm Land Rent	1,857	1,973	1,756	1,816	2,107	2,530	2,797	3,397	3,692	3,073	2,525
Dividends and Interest	14,636	10,016	12,000	10,097	10,588	8,939	14,501	26,203	26,378	12,421	6,052
2) CASH USES	2,129,388	2,081,372	2,162,480	2,162,097	2,175,524	2,241,895	2,434,256	2,573,047	2,588,554	2,588,679	2,575,029
Cash Expenses on Inputs	1,547,492	1,570,774	1,636,826	1,632,943	1,645,742	1,716,713	1,856,044	1,922,198	1,894,420	1,897,247	1,920,839
Business Taxes	31,668	31,640	30,914	30,817	33,739	36,171	38,420	41,225	44,631	60,125	74,900
Interest	385,610	299,287	312,919	305,124	310,382	296,900	332,410	396,245	425,859	399,264	340,758
Cash Wages to Hired Labour	141,973	155,604	160,403	172,667	163,416	167,089	181,343	182,978	191,844	200,735	207,050
Cash Rent to all Landlords	22,645	24,067	21,418	20,546	22,245	25,022	26,039	30,401	31,800	31,308	31,482
CASH INCOME (SOURCES – USES)	891,453	763,768	1,036,660	1,076,296	1,220,169	1,153,190	1,237,803	1,334,701	1,426,572	1,359,695	1,362,108
B. CASH FLOWS											
1) CASH INCOME	891,453	763,768	1,036,660	1,076,296	1,220,169	1,153,190	1,237,803	1,334,701	1,426,572	1,359,695	1,362,108
2) NET CHG. IN LOANS OUTSTNG	213,549	76,769	72,860	43,354	57,426	52,675	97,511	148,536	99,971	117,128	143,628
Change in Current Liabilities	53,531	36,891	2,392	(13,917)	(9,362)	(13,011)	42,186	44,981	(38,892)	(40,924)	(9,105)
Change in Long Term Liabilities	160,018	39,878	70,468	57,271	66,788	65,686	55,325	103,555	138,863	158,052	152,733
CASH FOR INVESTMENT OR WITHDRAWAL	1,105,002	840,537	1,109,520	1,119,650	1,277,595	1,205,865	1,335,314	1,483,237	1,526,543	1,476,823	1,505,736
3) NET CAPITAL PURCHASES	..	403,507	..	..	..	601,025	..	539,331	..	710,326	..
Real Estate		51,919				86,723		46,260		89,316	
Non-Real Estate		351,588				514,302		493,071		621,010	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	437,030	..	..	..	604,840	..	943,906	..	766,498	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	2.514	1.772	0.111	-0.644	-0.430	-0.580	1.733	1.748	-1.503	-1.581	-0.354
Net Change in Long Term Liabilities to Cash Uses	7.515	1.916	3.259	2.649	3.070	2.930	2.273	4.025	5.365	6.106	5.931
Net Change in Loans Outstanding to Capital Purchases		14.572				6.924		20.844		15.166	
Loans Outstanding to Cash Income	257.519	310.621	235.881	231.223	208.665	225.352	217.826	213.141	206.422	225.189	235.335

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

ONTARIO	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	5,036,410	5,162,345	5,482,885	5,268,509	5,700,681	5,836,789	6,036,973	6,041,630	5,964,414	5,802,937	6,370,679
Sales of Primary Production	4,669,868	4,760,875	5,006,291	4,837,971	5,217,067	5,099,120	5,208,374	5,206,674	5,285,621	5,037,873	5,270,548
Sales of Secondary Production	12,076	13,060	13,158	12,120	13,374	13,506	13,696	14,263	14,166	13,829	15,299
Government Payments	145,285	188,333	204,477	110,654	139,879	323,599	409,191	422,694	190,863	299,608	718,727
Government Rebates	77,392	71,642	88,864	128,625	157,938	216,703	204,827	157,441	216,343	231,223	170,600
Other Cash Income	131,789	128,435	170,095	179,139	172,423	183,861	200,885	240,558	257,421	220,404	195,505
Custom Receipts	83,231	90,793	127,720	140,760	131,511	145,637	147,412	154,787	168,054	172,214	166,952
Farm Land Rent	12,593	14,070	13,230	13,187	13,869	14,923	15,152	15,982	17,822	13,788	11,622
Dividends and Interest	35,965	23,572	29,145	25,192	27,043	23,301	38,321	69,789	71,545	34,402	16,931
2) CASH USES	3,742,015	3,633,603	3,842,509	3,917,221	3,872,523	3,954,945	4,161,670	4,308,733	4,329,328	4,284,091	4,361,641
Cash Expenses on Inputs	2,560,396	2,566,692	2,749,085	2,808,174	2,768,608	2,834,515	3,010,789	3,090,762	3,081,110	3,084,968	3,182,793
Business Taxes	114,487	109,280	115,472	124,647	133,613	139,355	146,358	159,324	163,105	172,348	175,795
Interest	615,529	484,688	498,249	464,314	453,893	440,181	450,665	487,238	508,156	435,153	389,845
Cash Wages to Hired Labour	340,745	349,091	363,246	406,309	399,170	417,157	430,570	448,040	446,103	467,183	477,120
Cash Rent to all Landlords	110,858	123,852	116,457	113,777	117,239	123,737	123,288	123,369	130,854	124,439	136,088
CASH INCOME (SOURCES - USES)	1,294,394	1,528,742	1,640,376	1,351,288	1,828,158	1,881,844	1,875,303	1,732,897	1,635,086	1,518,846	2,009,038
B. CASH FLOWS											
1) CASH INCOME	1,294,394	1,528,742	1,640,376	1,351,288	1,828,158	1,881,844	1,875,303	1,732,897	1,635,086	1,518,846	2,009,038
2) NET CHG. IN LOANS OUTSTNG	242,256	54,951	67,238	80,116	(157,966)	(155,586)	(51,846)	(3,523)	171,502	(54,869)	(123,508)
Change in Current Liabilities	12,774	(42,131)	9,568	(13,207)	(71,773)	(64,219)	(986)	(9,157)	55,197	(1,235)	(17,400)
Change in Long Term Liabilities	229,482	97,082	57,670	93,323	(86,193)	(91,367)	(50,860)	5,634	116,305	(53,634)	(106,108)
CASH FOR INVESTMENT OR WITHDRAWAL	1,536,650	1,583,693	1,707,614	1,431,404	1,670,192	1,726,258	1,823,457	1,729,374	1,806,588	1,463,977	1,885,530
3) NET CAPITAL PURCHASES	..	802,524	..	..	..	730,731	..	683,196	..	967,033	..
Real Estate		20,141				(9,766)		(76,148)		188,766	
Non-Real Estate		782,382				740,497		759,344		778,267	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	781,169	..	..	..	995,527	..	1,046,178	..	496,943	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	0.341	-1.160	0.249	-0.337	-1.853	-1.624	-0.024	-0.213	1.275	-0.029	-0.399
Net Change in Long Term Liabilities to Cash Uses	6.133	2.672	1.501	2.382	-2.226	-2.310	-1.222	0.131	2.686	-1.252	-2.433
Net Change in Loans Outstanding to Capital Purchases		4.290				-13.234		-0.279		-4.930	
Loans Outstanding to Cash Income	330,646	283,554	268,356	331,695	236,533	221,517	219,525	237,362	262,050	278,493	204,395

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

MANITOBA	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	1,754,045	1,822,331	2,018,945	2,031,104	2,129,963	2,132,991	2,093,877	2,146,577	1,996,006	1,984,702	2,115,960
Sales of Primary Production	1,643,621	1,689,392	1,817,652	1,795,061	1,813,755	1,593,639	1,604,340	1,630,148	1,765,114	1,698,226	1,697,450
Sales of Secondary Production	1,090	1,179	1,188	1,334	1,471	1,487	1,507	1,569	1,560	1,520	1,683
Government Payments	47,609	78,130	134,201	172,246	237,746	477,557	431,831	449,853	169,284	228,589	383,382
Government Rebates	13,635	13,502	17,744	18,938	23,592	25,939	14,038	5,797	3,304	16,199	103
Other Cash Income	48,090	40,128	48,160	43,525	53,399	34,369	42,161	59,210	56,744	40,168	33,342
Custom Receipts	26,613	23,185	28,557	24,941	33,406	18,482	21,372	28,163	22,015	18,933	18,702
Farm Land Rent	7,448	7,863	9,049	9,944	11,156	8,598	9,378	10,859	11,994	9,201	8,428
Dividends and Interest	14,029	9,080	10,554	8,640	8,837	7,291	11,411	20,188	22,735	12,034	6,212
2) CASH USES	1,248,382	1,305,206	1,412,403	1,455,076	1,397,810	1,373,722	1,404,766	1,480,028	1,498,055	1,487,300	1,500,288
Cash Expenses on Inputs	897,468	973,163	1,055,409	1,094,332	1,044,983	1,034,706	1,054,230	1,116,452	1,112,808	1,130,751	1,149,645
Business Taxes	45,675	47,120	48,484	47,111	47,373	49,604	51,280	49,963	54,100	55,182	56,286
Interest	189,380	169,374	177,900	169,052	168,260	165,374	169,764	177,930	195,019	162,291	147,332
Cash Wages to Hired Labour	60,151	56,736	62,932	75,239	64,328	71,203	75,094	76,938	75,335	83,414	83,800
Cash Rent to all Landlords	55,708	58,813	67,678	69,342	72,866	52,835	54,398	58,745	60,793	55,662	63,225
CASH INCOME (SOURCES – USES)	505,663	517,125	606,542	576,028	732,152	759,269	689,111	666,549	497,951	497,402	615,672
B. CASH FLOWS											
1) CASH INCOME	505,663	517,125	606,542	576,028	732,152	759,269	689,111	666,549	497,951	497,402	615,672
2) NET CHG. IN LOANS OUTSTNG	131,049	128,193	(8,348)	97,363	35,606	(51,233)	(67,589)	(39,075)	304,195	(57,585)	13,454
Change in Current Liabilities	40,674	40,140	7,664	14,766	2,014	(23,732)	(19,138)	(28,219)	159,367	76,563	55,558
Change in Long Term Liabilities	90,375	88,053	(16,012)	82,597	33,592	(27,501)	(48,451)	(10,856)	144,828	(134,148)	(42,104)
CASH FOR INVESTMENT OR WITHDRAWAL	636,712	645,318	598,194	673,391	767,758	708,036	621,522	627,474	802,146	439,817	629,126
3) NET CAPITAL PURCHASES	..	311,794	..	..	..	294,545	..	369,044	..	357,977	..
Real Estate		29,887				22,413		75,955		76,768	
Non-Real Estate		281,907				272,132		293,089		281,209	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	333,525	..	..	..	413,491	..	258,430	..	81,840	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	3.258	3.075	0.543	1.015	0.144	-1.728	-1.362	-1.907	10.638	5.148	3.703
Net Change in Long Term Liabilities to Cash Uses	7.239	6.746	-1.134	5.677	2.403	-2.002	-3.449	-0.734	9.668	-9.020	-2.806
Net Change in Loans Outstanding to Capital Purchases		31.869				-14.074		-7.983		-15.158	
Loans Outstanding to Cash Income	291.008	309.347	262.367	293.168	235.516	220.357	232.983	235.007	375.666	364.504	296.668

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

SASKATCHEWAN	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	4,078,517	4,018,716	4,461,954	4,083,904	4,191,085	4,411,412	4,486,377	4,506,904	4,035,525	4,052,697	4,269,269
Sales of Primary Production	3,788,551	3,712,112	3,924,960	3,255,437	3,082,842	2,934,996	3,133,359	3,141,258	3,213,019	3,222,633	3,072,150
Sales of Secondary Production	1,002	1,084	1,093	1,194	1,318	1,330	1,350	1,407	1,394	1,364	1,506
Government Payments	160,317	194,351	393,829	686,190	957,284	1,319,248	1,198,549	1,199,666	657,564	705,736	1,091,443
Government Rebates	15,581	18,937	35,124	26,629	33,296	53,620	43,465	30,330	13,111	7,274	1,915
Other Cash Income	113,066	92,232	106,948	114,454	116,345	102,218	109,554	134,243	150,437	115,690	102,255
Custom Receipts	50,559	46,294	54,939	69,243	70,528	65,064	65,708	67,269	71,136	68,291	70,447
Farm Land Rent	17,371	18,061	18,191	16,447	15,364	11,227	9,648	13,318	13,818	10,250	11,930
Dividends and Interest	45,136	27,877	33,818	28,764	30,453	25,927	34,198	53,656	65,483	37,149	19,878
2) CASH USES	2,316,178	2,462,897	2,585,107	2,680,008	2,684,880	2,680,557	2,675,549	2,883,605	2,841,187	2,858,264	2,941,244
Cash Expenses on Inputs	1,588,673	1,750,061	1,812,812	1,922,936	1,900,013	1,901,689	1,889,933	2,077,849	2,051,247	2,150,363	2,254,607
Business Taxes	112,210	111,833	126,145	125,261	125,691	137,526	138,036	141,447	144,487	150,266	153,271
Interest	440,300	423,121	455,171	441,981	466,128	465,427	474,171	471,972	465,322	392,927	350,727
Cash Wages to Hired Labour	74,233	73,121	85,461	84,804	83,932	86,099	85,059	92,011	91,725	94,979	96,001
Cash Rent to all Landlords	100,762	104,761	105,518	105,026	109,116	89,816	88,350	100,326	88,406	69,729	86,638
CASH INCOME (SOURCES – USES)	1,762,339	1,555,819	1,876,847	1,403,895	1,506,205	1,730,855	1,810,828	1,623,299	1,194,338	1,194,433	1,328,025
B. CASH FLOWS											
1) CASH INCOME	1,762,339	1,555,819	1,876,847	1,403,895	1,506,205	1,730,855	1,810,828	1,623,299	1,194,338	1,194,433	1,328,025
2) NET CHG. IN LOANS OUTSTNG	457,283	569,251	(30,093)	392,278	1,025,513	(33,528)	(565,907)	(317,199)	216,352	(106,665)	(128,844)
Change in Current Liabilities	80,148	95,201	43,181	69,161	155,062	7,731	(80,533)	(74,597)	155,560	92,168	40,317
Change in Long Term Liabilities	377,135	474,050	(73,274)	323,117	870,451	(41,259)	(485,374)	(242,602)	60,792	(198,833)	(169,161)
CASH FOR INVESTMENT OR WITHDRAWAL	2,219,622	2,125,070	1,846,754	1,796,173	2,531,718	1,697,327	1,244,921	1,308,100	1,410,690	1,087,768	1,199,181
3) NET CAPITAL PURCHASES	..	1,211,983	..	..	..	443,520	..	658,320	..	877,642	..
Real Estate		322,215				140,556		117,123		260,714	
Non-Real Estate		889,768				302,964		541,197		616,928	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	913,087	..	..	..	1,253,807	..	647,780	..	210,126	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	3.460	3.865	1.670	2.581	5.775	0.288	-3.010	-2.587	5.475	3.225	1.371
Net Change in Long Term Liabilities to Cash Uses	16.283	19.248	-2.835	12.057	32.421	-1.539	-18.141	-8.413	2.140	-6.956	-5.751
Net Change in Loans Outstanding to Capital Purchases		33.895				-5.033		-33.784		-11.849	
Loans Outstanding to Cash Income	191.590	253.610	208.628	306.853	354.096	306.200	261.426	272.087	387.925	378.963	331.140

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

ALBERTA	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	3,920,699	3,879,772	4,117,604	4,004,978	4,071,171	4,231,904	4,625,049	4,746,277	4,463,463	4,383,578	5,040,765
Sales of Primary Production	3,480,378	3,542,379	3,588,403	3,289,461	3,030,381	3,148,996	3,597,768	3,905,486	3,857,967	3,691,877	3,943,062
Sales of Secondary Production	2,567	2,774	2,797	2,091	2,308	2,331	2,363	2,461	2,445	2,388	2,641
Government Payments	261,238	140,896	331,643	475,657	661,085	805,522	748,287	560,032	318,119	439,040	868,889
Government Rebates	28,646	62,872	56,123	83,639	198,853	115,578	87,045	83,650	74,488	68,948	60,133
Other Cash Income	147,870	130,851	138,638	154,130	178,544	159,477	189,586	194,648	210,444	181,325	166,040
Custom Receipts	92,365	86,835	85,051	109,451	133,370	122,411	144,043	129,671	135,895	135,895	137,471
Farm Land Rent	18,013	21,802	26,244	21,134	19,980	15,417	15,670	16,427	15,971	12,503	11,036
Dividends and Interest	37,492	22,214	27,343	23,545	25,194	21,649	29,873	48,550	58,578	32,927	17,533
2) CASH USES	2,658,461	2,663,694	2,901,236	2,938,429	2,895,023	2,824,156	2,946,403	3,157,437	3,259,472	3,294,567	3,351,867
Cash Expenses on Inputs	1,833,765	1,902,720	2,082,444	2,139,262	2,119,633	2,064,798	2,175,496	2,354,913	2,431,920	2,448,594	2,534,626
Business Taxes	65,646	62,915	65,623	66,630	68,774	68,985	71,811	76,441	81,116	87,297	87,297
Interest	532,412	447,994	475,713	451,453	436,890	434,871	436,462	456,741	470,381	498,059	456,435
Cash Wages to Hired Labour	144,197	150,285	157,344	177,080	163,451	166,231	163,081	161,231	167,036	160,515	166,670
Cash Rent to all Landlords	82,441	99,780	120,112	104,004	106,275	89,271	99,553	108,111	109,019	100,102	106,839
CASH INCOME (SOURCES - USES)	1,262,238	1,216,078	1,216,368	1,066,549	1,176,149	1,407,748	1,678,646	1,588,840	1,203,991	1,089,011	1,688,898
B. CASH FLOWS											
1) CASH INCOME	1,262,238	1,216,078	1,216,368	1,066,549	1,176,149	1,407,748	1,678,646	1,588,840	1,203,991	1,089,011	1,688,898
2) NET CHG. IN LOANS OUTSTNG	465,314	462,513	15,377	179,891	197,522	(11,800)	42,219	254,008	343,513	212,076	(180,085)
Change in Current Liabilities	59,495	42,658	(12,773)	(7,516)	(12,754)	(46,381)	32,311	51,461	220,787	209,425	52,884
Change in Long Term Liabilities	405,819	419,855	28,150	187,407	210,276	34,581	9,908	202,547	122,726	2,651	(232,969)
CASH FOR INVESTMENT OR WITHDRAWAL	1,727,552	1,678,591	1,231,745	1,246,440	1,373,671	1,395,948	1,720,865	1,842,848	1,547,504	1,301,087	1,508,813
3) NET CAPITAL PURCHASES	..	1,066,083	..	..	..	732,358	..	1,056,737	..	929,849	..
Real Estate		172,326				93,505		232,457		199,444	
Non-Real Estate		893,757				638,853		824,280		730,405	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	812,508	..	..	..	663,590	..	786,111	..	371,239	..
C. RATIOS											
%											
Net Change in Current Liabilities to Cash Uses	2.238	1.602	-0.440	-0.256	-0.441	-1.642	1.097	1.630	6.774	6.357	1.578
Net Change in Long Term Liabilities to Cash Uses	15.265	15.762	0.970	6.378	7.263	1.225	0.336	6.415	3.765	0.081	-6.950
Net Change in Loans Outstanding to Capital Purchases		31.424				-1.215		18.217		20.948	
Loans Outstanding to Cash Income	316,399	366,442	367,618	436,124	412,278	343,613	290,676	323,093	454,899	522,402	326,185

FARM CASH FLOW STATEMENT

(EXPERIMENTAL)

BRITISH COLUMBIA	'000 OF DOLLARS										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
A. CASH TRANSACTIONS											
1) CASH SOURCES	983,965	934,871	1,024,880	1,061,058	1,100,368	1,124,860	1,175,896	1,208,442	1,251,218	1,283,589	1,357,989
Sales of Primary Production	850,709	827,944	897,885	934,677	966,296	1,019,242	1,042,919	1,079,365	1,132,792	1,170,609	1,239,906
Sales of Secondary Production	15,077	16,302	16,426	13,461	14,854	15,000	15,212	15,843	15,733	15,362	16,991
Government Payments	92,604	67,471	78,695	80,223	84,663	52,492	82,717	75,914	63,635	62,661	68,663
Government Rebates	8,596	7,298	11,424	5,963	8,028	6,692	3,019	2,212	816	400	132
Other Cash Income	16,979	15,856	20,450	26,734	26,527	31,434	32,029	35,108	38,242	34,557	32,297
Custom Receipts	8,512	10,268	14,421	21,855	21,708	27,417	26,945	27,621	28,947	28,947	29,090
Farm Land Rent	619	619	601	701	800	898	969	1,031	996	711	530
Dividends and Interest	7,848	4,969	5,428	4,178	4,019	3,119	4,115	6,456	8,299	4,899	2,677
2) CASH USES	810,192	763,985	821,775	821,086	807,986	783,540	833,844	892,152	899,280	890,771	872,365
Cash Expenses on Inputs	488,093	496,742	542,159	540,600	525,855	504,149	542,648	579,110	576,962	583,941	570,358
Business Taxes	13,525	11,905	10,540	10,184	11,025	11,007	12,448	13,450	14,463	14,608	15,484
Interest	185,416	126,912	129,524	120,830	119,209	109,010	111,109	124,673	129,951	108,891	98,054
Cash Wages to Hired Labour	104,502	109,796	121,457	130,377	131,945	138,788	147,030	152,369	155,481	161,634	163,336
Cash Rent to all Landlords	18,656	18,630	18,095	19,095	19,952	20,586	20,609	22,550	22,423	21,697	25,133
CASH INCOME (SOURCES – USES)	173,773	170,886	203,105	239,971	292,382	341,320	342,052	316,290	351,938	392,818	485,624
B. CASH FLOWS											
1) CASH INCOME	173,773	170,886	203,105	239,971	292,382	341,320	342,052	316,290	351,938	392,818	485,624
2) NET CHG. IN LOANS OUTSTNG	34,571	(133,439)	(5,496)	777	(25,443)	2,425	(61,695)	(701)	18,475	(21,808)	25,446
Change in Current Liabilities	12,029	(16,937)	(3,751)	(3,413)	(10,867)	(3,291)	(10,533)	(782)	145	(7,680)	(5,789)
Change in Long Term Liabilities	22,542	(116,502)	(1,745)	4,190	(14,576)	5,716	(51,162)	81	18,330	(14,128)	31,235
CASH FOR INVESTMENT OR WITHDRAWAL	208,344	37,447	197,609	240,748	266,939	343,745	280,357	315,589	370,413	371,010	511,070
3) NET CAPITAL PURCHASES	..	117,130	..	..	..	178,081	..	97,563	..	187,193	..
Real Estate		(12,807)				21,491		(21,351)		39,645	
Non-Real Estate		129,937				156,590		118,914		147,548	
CASH FOR FINANCIAL INVEST. OR WITHDRAWAL	..	(79,683)	..	..	..	165,664	..	218,026	..	183,816	..
C. RATIOS											
Net Change in Current Liabilities to Cash Uses	1.485	-2.217	-0.457	-0.416	-1.345	-0.420	-1.263	-0.088	0.016	-0.862	-0.664
Net Change in Long Term Liabilities to Cash Uses	2.782	-15.249	-0.212	0.510	-1.804	0.730	-6.136	0.009	2.038	-1.586	3.581
Net Change in Loans Outstanding to Capital Purchases		-58.879				1.148		-0.352		-10.522	
Loans Outstanding to Cash Income	562.082	493.490	412.501	349.453	278.111	238.946	220.398	238.128	219.257	190.888	159.648

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